353.7
Un37

FIRST SUPERVISING DISTRICT.

LOCAL DISTRICT OF SAN FRANCISCO, CAL.

Masters licensed during the year ended December 31, 1897—San Francisco, Cal.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Annable, Davis	217	11, —	Apr. 16	Hayerup, C. C. V. A.	A69331	1, 6	Dec. 4
Aas, Anders A	242	1, 1	Apr. 28	Lyng, Mads M.	172	1, 6	Mar. 24
Ahman, Amandus	424	1, 6	Aug. 13	Lewis, Almond V.	82	15, —	Feb. 15
Bray, Isaiah	41	8, 8	Jan. 20	McArthur, Henry D.	A69368	1, 1	Dec. 28
Bennett, Jno. J	151	2, 2	Mar. 17	McDonald, Abner	96	4, 4	Feb. 20
Buchanan, Duncan	304	5, 5	May 28	Morley, James T.	165	2, 9	Mar. 23
Bates, Geo. O	325	11, 11	June 12	McKinnon, George	188	9, 13	Mar. 31
[illegible], Thomas	345	1, 9	June 24	Mogensen, S. F	255	13, 13	May 3
[illegible] Richard	384	8, —	July 22	Mainwaring, James	488	7, 7	Sept. 20
[illegible]orge A	468	5, —	Sept. 10	Marcucci, Domingo	580	19, 19	Nov. 11
[illegible] Claus J	598	1, 5	Nov. 23	Marshall, George	A69340	17, 20	Dec. 9
[illegible], Arthur M.	A69346	5, 9	Dec. 14	Montgomery, P. D	559	2, 3	Nov. 3
[illegible]a, Edmund	25	10, —	Jan. 8	Monroe, George E.	49	7, —	Jan. 25
[illegible] Frederick	43	1, 1	Jan. 20	Newth, Ernest W.	A69319	4, 4	Nov. 29
[illegible]n, Edwd. F	88	4, 4	Feb. 18	O'Connor, James W.	61	1, 3	Feb. 3
[illegible], Bernard	100	2, 2	Feb. 23	Pettersen, Christian E.	485	1, 1	Sept. 18
[illegible]man, Harry F	137	12, —	Mar. 11	Pellow, James A	597	1, 1	Nov. 23
[illegible]rk, Charles W	246	14, —	Apr. 30	Pierrott, Henry C.	289	7, 7	May 24
[illegible]k, Wm. A	506	2, 4	Sept. 30	Roberts, Rowland	15	6, 6	Jan. 4
[illegible]st, Adolph	23	1, 5	Jan. 6	Read, Roby D.	180	4, —	Mar. 27
[illegible] David F	125	1, 1	Mar. 6	Rennie, James	327	5, 5	June 14
[illegible], Fredk. B.	297	10, —	May 26	Robinson, John F	A69309	5, 6	Nov. 24
[illegible]l. B	389	6, 9	July 23	Simmons, Abram T	114	1, 2	Mar. 3
[illegible] L	70	6, 6	Feb. 8	Simpson, John	542	3, 3	Oct. 22
[illegible]	160	1, 6	Mar. 20	Taylor, Henry	A69326	1, 2	Dec. 2
[illegible]ge E	205	8, —	Apr. 9	Tobey, Alvin J	22	2, 2	Jan. 6
[illegible] H	358	10, —	July 3	Tilton, James A.	113	6, 6	Mar. 2
[illegible] Andrew L	44	1, 5	Jan. 21	Townsend, Henry C.	578	1, 2	Nov. 11
[illegible]st, Gustav R	561	1, 1	Nov. 3	Verry, Charles	152	6, 6	Mar. 17
Hamilton, James	12	2, 2	Jan. 4	Wells, John Calvin	428	7, 7	Aug. 16
Herriman, Fred L.	351	2, 2	June 29	Zolling, Richard	223	1, 7	Apr. 17

Masters and pilots licensed during the year ended December 31, 1897—San Francisco, Cal.

Allen, George A	4	21, 25	Jan. 2	Buckard, Mathew	437	6, 9	Aug. [illegible]
Alexander, Ezekiel	24	22, —	Jan. 7	Brisco, Wm. M	438	6, 11	Do [illegible]
Ames, D. S.	26	4, —	Jan. 9	Brown, Henry	444	7, 7	Aug [illegible]
Anderson, Andrew	42	7, 10	Jan. 20	Brown, William	455	13, 13	A[illegible]
Anderson, John	65	14, 16	Feb. 5	Badger, Wm. C.	6	5, 8	J[illegible]
Ackley, H. S.	71	21, —	Feb. 9	Blaker, Jas. C.	28	11, 16	J[illegible]
Adams, Jno. M	94	15, 15	Feb. 19	Bayly, George	32	16, 16	[illegible]
Anderson, C. H. K	130	13, —	Mar. 9	Benson, Ben. J	50	1, 3	[illegible]
Ahlin, Karl A	178	1, 1	Mar. 25	Behrens, Wm. C	83	[illegible]	[illegible]
Anderson, Oscar	186	9, 15	Mar. 30	Blair, Jno. G	87	[illegible]	[illegible]
Anderson, Marquitt	210	6, 9	Apr. 13	Beers, George W.	[illegible]	[illegible]	[illegible]
Anderson, Peter M	283	16, 16	May 20	Brandt, Martin	[illegible]	[illegible]	[illegible]
Angerstein, L. E.	305	15, 18	May 29	Bruguiere, C. J	[illegible]	[illegible]	[illegible]
Andrews, Jer. M	352	6, 9	June 29	Brown, Charl	[illegible]	[illegible]	[illegible]
Anderson, Edwd	363	2, 9	July 8	Bruun, Jens	[illegible]	[illegible]	[illegible]
Ankers, George	393	9, 12	July 27	Brown, Jno	[illegible]	[illegible]	[illegible]
Anderson, Magnus A.	398	5, 11	July 28	Blethen, J	[illegible]	[illegible]	[illegible]
Anfindsen, Ole	408	10, 10	Aug. 5	Bodfish,	[illegible]	[illegible]	[illegible]
Anderson, Robt. W	420	15, 18	Aug. 12	Bonifie	[illegible]	[illegible]	[illegible]
Anderson, George	444	7, 16	Aug. 24	Beck,	[illegible]	[illegible]	[illegible]
Anderson, Chas. J	514	8, 13	Oct. 12	Brow	[illegible]	[illegible]	[illegible]
Asplund, Ad. F	532	1, 7	Oct. 16	Bro	[illegible]	[illegible]	[illegible]
Anderson, Chas. J	536	1, 4	Oct. 18	Boe	[illegible]	[illegible]	[illegible]
Anderson, August	538	9, 11	Oct. 19	Ba	[illegible]	[illegible]	[illegible]
Anderson, Anders	592	4, 9	Nov. 20	Ba	[illegible]	[illegible]	[illegible]
Adler, John O	A69339	1, 11	Dec. 8	Br	[illegible]	[illegible]	[illegible]
Allen, Chas. E	A69369	10, 12	Dec. 20	Be	[illegible]	[illegible]	[illegible]
Anderson, Jno. F	487	10, 15	Sept. 20	Be	[illegible]	[illegible]	[illegible]
Anderson, Charles	A69371	1, 2	Dec. 8	Br	[illegible]	[illegible]	[illegible]

*Number of issue of current grade and [illegible]

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Masters and pilots licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Barry, Ralph	380	7, —	July 19	Erikson, Fred	419	16, 20	Aug. 11
Bone, Peter	426	13, 13	Aug. 14	Edwards, Peter	425	9, 10	Aug. 14
Boyyer, Stephen T	429	7, 9	Aug. 16	Ellsworth, Jno. C	433	11, 11	Aug. 17
Bagge, Charles	431	1, 1	Do.	Enas, Geo. H	509	22, 22	Oct. 4
Bucknam, R. D	477	10, —	Sept. 15	Erdman, Ludwig	550	10, 13	Oct. 28
Bolles, O. F	484	25, 25	Sept. 17	Emerson, Carl	594	10, 11	Nov. 22
Bratemos, Jno. S	508	1, 7	Oct. 2	Emerson, Jacob	A69313	10, 12	Nov. 26
Bott, Johan	515	10, 10	Oct. 12	Edwards, E. S	A69355	12, 15	Dec. 18
Benson, Ben. C	516	26, 29	Do.	Fouratt, Enos	5	24, 34	Jan. 2
Brooks, James	521	24, 27	Oct. 13	Freeman, Joshua	17	10, —	Jan. 4
Brokaw, Gilbert H	526	7, 9	Oct. 15	Fox, Louis H	38	3, 6	Jan. 19
Bridgett, Geo. E	548	4, 5	Oct. 27	Fahrenholtz, Jno. J	159	10, 13	Mar. 19
Brown, Robt. S	596	1, 3	Nov. 24	Foster, Frank L	162	8, 12	Mar. 22
Budde, E. F. T	A69323	1, 11	Nov. 30	Fields, John M	218	19, 23	Apr. 16
Banning, Wm	A69329	13, 13	Dec. 3	Farris, John R	247	23, 31	Apr. 30
Barron, Richard E	A69333	17, 17	Dec. 7	Furman, L. M	256	1, 8	May 3
Bell, Horace G	A69357	15, 18	Dec. 18	Fosen, Christian J	265	9, 10	May 10
Beach, John W	A69348	6, 7	Dec. 15	Fagerlund, Gus. M	320	9, 10	June 7
Brown, Julian H	A69358	9, 10	Dec. 18	Forsman, Wm. T	353	22, 23	June 29
Conway, George	7	9, 11	Jan. 2	Fletcher, Leroy D	355	7, 7	June 30
Chambers, John	74	25, 25	Feb. 10	Frederickson, Wm	383	17, 22	July 22
Colvill, Edward L	76	14, 14	Feb. 11	Flaherty, Martin	386	1, 3	[illegible]
Collins, Patrick	98	2, 5	Feb. 23	Ferguson, Walter H	416	7, 11	[illegible]
Colburn, Walter M	145	10, 11	Mar. 13	Forrest, Chas. M	492	1, 1	[illegible]
Colly, Peter	179	8, 8	Mar. 26	Friele, Daniel E	562	21, 21	[illegible]
Carlson, Johan	189	6, 9	Mar. 31	Fulton, Wm. E	585	4, 7	[illegible]
Cornwall, Whitney	190	1, 1	Apr. 2	Gronberg, Daniel A	A69365	9, 9	[illegible]
Christensen, Jorgen	213	5, 7	Apr. 13	Graves, Sewell F	37	19, 20	[illegible]
Cunningham, Jno. H	214	3, 7	Apr. 14	Gregory, Hugh H	56	16, —	[illegible]
Cousins, Nahum E	215	9, 10	Do.	Gibson, James S	63	10, 10	[illegible]
Carson, Jno. A	216	7, 8	Apr. 15	Gronn, August	81	1, 1	Feb. [illegible]
Cruthers, Frank H	228	17, 20	Apr. 22	Groat, John	104	2, 2	Feb [illegible]
Caughell, James	270	15, 15	May 11	Garvin, Geo. S	112	3, 5	M[illegible]
Campbell, James H	275	1, 1	May 13	Goodell, Geo. H	139	10, 12	[illegible]
Carlson, J. A. W	282	1, 5	May 20	Greenleaf, Silas N	154	2, 2	[illegible]
Carroll, James	291	24, 24	May 24	Gaffney, Wm. S	155	1, [illegible]	[illegible]
Crowell, Gustavus	318	16, —	June 7	Gallagher, Jas. P	212	15 [illegible]	[illegible]
Cullicutt, John S	331	8, 8	June 16	Grethe, Edmund	222	[illegible]	[illegible]
Carter, Daniel A	364	12, —	July 9	Goodall, Chas. M	235	2[illegible]	[illegible]
Christopherson, Peter	368	11, 11	July 13	Gustafson, Chas	236	4, [illegible]	[illegible]
Clairville, Walter	413	16, 21	Aug. 7	Green, Frank	261	12, 15	[illegible]
Cousins, H. H	454	19, 20	Aug. 27	Garwich, Frank	299	15, 18	[illegible]
Cassel, Charles P	456	1, 2	Aug. 31	Gibson, Geo. L	309	1, 1	June [illegible]
Cattarinich, Joseph	462	7, 10	Sept. 4	Gonzales, Martin	323	22, 24	June 10
Coudrey, James M	482	13, 13	Sept. 17	Gilboy, Bernard	376	8, 8	July 17
Crosscup, Horace B	529	6, 9	Oct. 6	Godfrey, Joseph H	401	12, 16	July 29
Curley, James E	586	11, 12	Nov. 16	Gonzales, Henry	471	5, 9	Sept. 13
Conimo, Reuben	600	12, 12	Nov. 24	Green, Charles	495	9, 13	Sept. 23
Childs, Walter	A69316	10, 12	Nov. 27	Graham, Daniel	505	24, 24	Sept. 30
Crook, Henry J	A69328	2, 8	Dec. 3	Goodall, Harry W	525	1, 1	Oct. 14
Driscoll, D. C	3	20, 24	Jan. 2	Gage, Jno. W	545	16, 16	Oct. 26
[illegible]avies, David	23	9, 15	Jan. 22	Gerne, John	560	10, 10	Nov. 3
[illegible]niels, Wm. F	46	2, 9	Feb. 17	Gould, Nathaniel	568	14, 14	Nov. 5
[illegible]ing, Thos. P	85	16, 21	Feb. 19	Gunderson, Thos	A69318	8, 10	Nov. 29
[illegible]Dorn, Ras. H	146	6, 7	Mar. 13	Gielow, C. C. F	A69320	2, 9	Do.
[illegible] William	149	7, 9	Mar. 16	Gerdon, Aug. J	A69332	11, 11	Dec. 6
[illegible]d, F. E	245	10, 10	Apr. 30	Gray, Charles	A69336	10, 20	Dec. 7
[illegible] Geo. W	254	8, 8	May 3	Gray, Wm. J	A69364	23, 23	Dec. 23
[illegible]	391	10, 12	July 24	Hansen, Peter	8	6, 9	Jan. 2
[illegible]	394	9, 11	July 28	Harvey, Lewis P	16	16, 16	Jan. 4
[illegible]	396	6, 6	Do.	Haskell, Dan. H	29	21, 21	Jan. 11
[illegible]	[illegible]	18, 18	Aug. 5	Hansen, Claus C	39	11, 12	Jan. 20
[illegible]	[illegible]	[illegible]1, 16	Aug. 12	Harding, Henry A	60	8, 9	Feb. 2
[illegible]	[illegible]	[illegible]7, —	Aug. 14	Hughes, John	66	4, 8	Feb. 5
[illegible]	[illegible]	[illegible]8	Aug. 24	Harkins, John	73	10, 21	Feb. 11
[illegible]	[illegible]	[illegible]4	Do.	Hackett, John	84	6, 8	Feb. 16
[illegible]	[illegible]	[illegible]	Oct. 6	Hansen, Jorgen P	116	7, 7	Mar. 4
[illegible]	[illegible]	[illegible]	Oct. 14	Hogan, Thomas	117	2, 5	Do.
[illegible]	[illegible]	[illegible]	Oct. 18	Hays, James M	118	5, 7	Mar. 5
[illegible]	[illegible]	[illegible]	Oct. 25	Hansen, Jens E	124	4, 6	Mar. 6
[illegible]	[illegible]	[illegible]	Nov. 11	Hughes, Henry M	144	11, 13	Mar. 12
[illegible]	[illegible]	[illegible]	Nov. 24	Hamm, Heinrich S	148	9, 9	Mar. 15
[illegible]	[illegible]	[illegible]	[illegible]. 14	Hague, Chas. J	158	18, 18	Mar. 19
[illegible]	[illegible]	[illegible]	[illegible]. 18	Hart, Frank W	174	10, 23	Mar. 24
[illegible]	[illegible]	[illegible]	[illegible] 29	Hansen, Rasmus E	191	15, 15	Apr. 3
[illegible]	[illegible]	[illegible]	[illegible] 27	Howe, William	192	2, 7	Do.
[illegible]	[illegible]	[illegible]	1	Hardwick, Ewd. N	194	4, 7	Apr. 5
[illegible]	[illegible]	[illegible]	[illegible] 23	Heath, Charles R	201	11, 19	Apr. 7
[illegible]	[illegible]	[illegible]	24	Heegard, Charles V	206	3, 3	Apr. 9
[illegible]	[illegible]	[illegible]	[illegible] 8	Hansen, Andrew P	211	8, 10	Apr. 13

[illegible]nd the number of issues of all grades.

Masters and pilots licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Haaven, Lewis G	226	5, —	Apr. 19	Kennedy, James D	294	4, 10	May 25
Harloe, Marcus	260	7, 8	May 5	Kabler, Asa C	308	3, 9	June 1
Hinkle, Caspar E	322	2, 6	June 8	Keith, James	310	9, 9	June 2
Hansen, Oliver	329	20, 20	June 14	Kato, Frans L	411	5, 11	Aug. 6
Hansen, Louis	332	6, 8	June 16	Klitgaard, Ch. F	417	2, 3	Aug. 11
Harde, Bernhard	333	4, 11	Do.	Killman, Henry C	478	13, 14	Sept. 15
Harrison, Geo. H	338	18, 28	June 21	Kommerow, Peter	500	10, 11	Sept. 25
Hibberd, Isaac N	348	9, —	June 26	Kenealy, William	513	15, 15	Oct. 11
Hamilton, Jas. T	359	11, 12	July 5	Knudsen, Chr. A	530	1, 7	Oct. 16
Hansen, Charles E	366	17, 22	July 13	Konghan, J. J. K	565	9, 9	Nov. 4
Henderson, Wm	379	8, 8	July 19	Kendall, William	571	1, 1	Nov. 8
Hatch, Z. J	387	10, —	July 23	Lindquist, Charles E	27	4, 8	Jan. 11
Higginson, Wm. H	390	2, 11	July 24	Leland, H. D	72	3, 24	Feb. 9
Hall, Andw. L	397	5, 9	July 28	Lee, John	86	5, 5	Feb. 17
Higgins, Walter F	400	8, 10	July 29	Larsen, Conrad B	90	1, 1	Feb. 19
Howland, Jno. S	412	2, —	Aug. 6	Lucas, Fred. G	121	14, —	Mar. 6
Hatch, Aug. J	473	10, —	Sept. 14	Liebig, Emil	141	10, 12	Mar. 12
Hickey, John	475	10, 16	Sept. 15	Lazzarevich, Louis	150	1, 1	Mar. 16
Hogan, Michael	483	2, 10	Sept. 17	Low, John	257	1, 1	May 3
Hinton, J. Milo	496	25, 28	Sept. 24	Luttrell, James F	262	1, 1	May 6
Henderson, L. F. B	504	6, 8	Sept. 29	Lingren, Oliver	263	23, 23	May 7
Harvey, Geo. H	527	24, 26	Oct. 15	Lossins, Jacob J	266	2, 2	May 10
Hansen, John	539	19, 19	Oct. 20	Lupp, Frederick	280	1, 6	May 19
Hansen, Edward	544	20, 22	Oct. 26	Larco, Andrew	303	1, 1	May 28
Hamilton, John	555	11, 15	Nov. 1	Lawrence, Melville	317	3, 3	June 7
Higgins, James F	558	11, 12	Nov. 3	Larbig Nicolas	319	20, 25	Do.
Hemsworth, Michael	570	16, 19	Nov. 8	Lawless, Robt. T	326	14, 17	June 14
Hunter, William	584	19, 20	Nov. 13	Lind, Francis G	360	15, 17	July 6
Hawes, Wm. H	A69325	15, 16	Dec. 2	Le Sack, Edward	367	3, 11	July 13
Hayward, Henry M	A69338	17, 17	Dec 8	Levinson, Hans O	371	10, 11	July 15
Holdsworth, Thos	A69341	19, 25	Dec. 10	Leale, John	374	22, 23	July 17
Hansen, Jorgen	A69362	11, 11	Dec. 23	Lundquist, Charles G	382	5, 8	July 21
Hondlette, H. C	A69366	9, 9	Dec. 24	Lindberg, Nils	410	11, 12	Aug. 5
Irvine, William	19	8, 13	Jan. 4	Lowry, John H	415	12, 13	Aug. 7
Jorgensen, Carl J	1	9, 9	Jan. 2	Long, James S	472	9, 13	Sept. 13
Jensen, Albert P	2	9, 10	Do.	Littlefield, Edwin S	523	16, 17	Oct. 13
Johnson, Andrew	14	7, 12	Jan. 4	Larsson, Peter L	533	1, 7	Oct. 18
Jorgensen, Michael	34	4, 8	Jan. 15	Lawson, Robt. J	552	19, 19	Oct. 30
Jordan, Fred. W	78	9, —	Feb. 13	Love, Geo. W	566	8, 10	Nov. 5
Jacobsen, Jacob E	120	8, 8	Mar. 5	Lockyer, Thos. C	587	16, 16	Nov. 16
Jacobsen, Richd. E	122	1, 3	Mar. 6	Lee, Bertinius	593	3, 10	Nov. 22
Jorgensen, Daniel	126	1, 1	Do.	Lindell, Charles	A69312	1, 8	Nov. 26
Johnson, Peter L	127	9, 12	Mar. 8	Lewis, John	A69314	8, 14	Do.
Johnson, Peter	131	9, 9	Mar. 9	Leland, Geo. V	A69330	16, 20	Dec. 3
Johansen, Ole A	140	1, 4	Mar. 11	Leale, Wm. G	A69334	24, 24	Dec. 7
Johnson, Gust	161	7, 10	Mar. 20	Larsen, Lers F	A69347	1, 1	Dec. 14
Jensen, Ole	177	10, 10	Mar. 25	Lucky, Charles J	A69350	24, 25	Dec. 16
Jones, John T	237	11, 15	Apr. 24	McKenzie, John T	9	25, 29	Jan. 2
Jorgensen, Ole	239	15, 17	Apr. 27	Malinquist, Carl Y	45	1, 9	Jan. 22
Johnston, L. W	249	13, 13	May 1	Melon, John A	54	18, 18	Jan. 27
Johnson, Edwd	250	11, 11	Do.	McNeill, Chas., jr	62	15, 15	Feb. 4
Johansen, Alfred	264	2, 5	May 7	Moller, Jacob J	67	2, 5	Feb. 5
Johnson, Chas. A	274	2, 6	May 13	McMurtry, Charles	75	19, 20	Feb. 11
Johnson, Nills	277	1, 1	May 17	Mortensen, Thomas	89	9, 14	Feb. 18
Johnson, Otto J	279	5, 7	May 19	Moe, Carl	101	10, 11	Feb. 23
Jones, Peter	324	9, 10	June 11	McLean, Alexr	102	7, —	Do.
Jensen, Carl P	328	1, 1	June 14	Miller, James	109	24, 24	Feb. 27
Johnson, Victor	349	10, 10	June 28	McGregor, A. H	111	10, 10	Mar. 2
Jacobs, Jacob D	369	10, 10	July 14	Mortensen, Paul	129	7, 9	Mar. 9
Johnson, Fred. M	385	10, 11	July 22	Morehouse, Geo. F	164	8, 8	Mar. 22
Johnson, William	403	10, 13	July 30	McKenna, James	171	11, 11	Mar. 24
Johannsen, Jorgen	434	9, 10	Aug. 17	Milestone, Wm. H	175	11, 12	Mar. 25
Johanson, John A	436	6, 9	Aug. 19	McFarland, John	182	15, 15	Mar. 27
Jepsen, Rasmus A	442	10, 15	Aug. 23	McDonald, D. R	188	27, —	Mar. 29
Jordan, Newell B	453	6, —	Aug. 28	McNeill, Charles	199	18, 18	Apr. 6
Johnson, Peter A	469	10, 15	Sept. 10	Morris, Arthur A	208	12, —	Apr. 10
Jewell, Frank A	486	16, 20	Sept. 18	McLean, James	238	3, 10	Apr. 26
James, Daniel	494	15, 15	Sept. 23	Mason, Phillip H	243	9, 9	Apr. 29
Johnson, Olof	503	1, 2	Sept. 28	McLean, Wm. H	244	14, 22	Apr. 30
Johnson, Charles B	528	18, 18	Oct. 16	Montell, Edgar H	258	16, 19	May 5
James, Nathl. T	546	1, 2	Oct. 27	Martin Matthew	268	7, 10	May 11
Johnston, William	567	1, 1	Nov. 5	Malone, Geo. H	284	1, 1	May 20
Jensen, Fred	569	4, 9	Nov. 6	Miller, Frederick	293	9, 9	May 25
Jansen, Aug. C	573	11, 16	Nov. 8	Matsen, Carl, jr	302	1, 1	May 28
Jessen, Gus. M	588	21, 21	Nov. 16	Madsen, Mads. J	307	10, 10	June 1
Joy, Wm. S	599	23, 23	Nov. 24	Minor, Robert	312	12, 12	June 2
Krimphoff, F. J. H. G	219	9, 10	Apr. 16	McMurtry, William	313	20, 20	Do.
Klinker, C. J. F. J	220	4, 6	Do.	Murphy, William	314	10, 17	June 4
Kidston, William	271	10, 10	May 11	Macgenn, Thos. J	316	8, —	Do.
Knaicke, Frank F	281	7, 7	May 20	McIntyre, Jas. B	334	1, 1	June 17

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Moller, Jens N	336	7, 9	June 18
Menzies, Stewart	350	3, 3	June 28
Montague, James P	441	25, 25	Aug. 23
McNeill, Danl. H	449	1, 1	Aug. 25
Marshel, Henry P	461	8, 10	Sept. 3
McIntire, Henry	474	6, 6	Sept. 15
McKechnie, Donald	499	14, 16	Sept. 25
Matheson, Jno. A	512	10, 12	Oct. 8
Miller, A. R	553	16, 22	Nov. 1
Myrick, John E	595	22, 24	Nov. 22
Morley, Frank E	A69322	11, 12	Nov. 30
Morton, Elijah	A69344	23, 24	Dec. 11
Madeson, Charles	A69367	1, 1	Dec. 24
Nelson, Andrew	33	12, 12	Jan. 13
Nielsen, Thos. A	47	9, 9	Jan. 23
Nutsen, Charles	59	7, 9	Feb. 2
Nelson, Charles N	115	6, 7	Mar. 3
Nelson, Heinds C	234	11, 13	Apr. 24
Nopander, Louis N	306	2, 11	June 1
Nelson, Nels P	356	11, 21	July 1
Nelson, John	418	10, 10	Aug. 11
Nicolson, Alexr	519	16, 22	Oct. 12
Nielsen, Peter	589	11, 11	Nov. 17
Nielsen, Peter	A69317	5, 10	Nov. 29
Oden, Wm. T	10	5, 9	Jan. 4
Oakley, John R	128	11, 11	Mar. 8
Olsen, Peter	183	3, 7	Mar. 29
O'Neill, Patrick	240	1, 5	Apr. 27
Olsen, Alfd. L	251	1, 10	May 1
Oakley, G. H	311	22, 22	June 2
Olsen, Antone	476	1, 1	Sept. 15
Olsson, Otto W	480	1, 4	Sept. 16
Olsen, Peter	511	7, 13	Oct. 8
O'Neill, Daniel	522	8, 8	Oct. 13
Palmer, Charles R	52	1, 7	Jan. 26
Peterson, John	57	10, 10	Feb. 1
Petersen, Henry	69	5, 8	Feb. 8
Petersen, Robert	95	1, 7	Feb. 19
Pillsbury, Albert F	123	10, —	Mar. 6
Provost, Nelson	163	10, 11	Mar. 22
Poole, William	168	21, 21	Mar. 23
Panzer, Alfred M	197	28, 30	Apr. 6
Pippey, Robt. N	286	7, 7	May 21
Polhamus, A. A	290	21, 24	May 24
Poleman, Edwin	292	19, 19	Do.
Peterson, Frederick	298	1, 1	May 26
Parker, O. O. W	301	4, —	May 28
Preble, Alfred H	315	7, 11	June 4
Potvin, Henry	339	8, 12	June 21
Paul, Andrew R	340	3, 7	June 21
Pinkham, Geo. H	341	8, 10	Do.
Park, Jno. B	354	10, 10	June 30
Polhamus, Isaac	381	19, 19	July 21
Pomin, Ernest	399	23, 23	July 28
Petersen, Suren	402	11, 14	July 30
Preble, Fred J	448	1, 9	Aug. 25
Paton, George	451	25, 25	Aug. 26
Paulsen, Reinhold J	458	1, 9	Aug. 31
Pierce, Geo. H	464	5, 10	Sept. 8
Parsons, Ed. D	466	2, 9	Sept. 10
Pomin, Joseph H	467	22, 22	Do.
Price, Thomas H	470	20, 30	Sept. 11
Pettersen, Chr. M	489	3, 4	Sept. 20
Plumb, Wm. W	493	1, 2	Sept. 23
Petzinger, Jacob F	535	12, 16	Oct. 18
Peterson, C. G. F	554	7, 10	Nov. 1
Pike, William	564	15, 15	Nov. 4
Petersen, Peter H	A69352	4, 8	Dec. 16
Quinton, Robert	A69315	10, 12	Nov. 27
Ross, John	20	17, 17	Jan. 5
Rideout, Ernest V	35	7, 9	Jan. 18
Ryan, Thomas A	64	6, 9	Feb. 5
Reed, Alfred	97	6, 9	Feb. 20
Roberts, John	103	13, 13	Feb. 23
Ritchie, Andrew L	119	4, 6	Mar. 5
Rees, John	209	20, 26	Apr. 10
Rogers, Wm. W	229	19, 22	Apr. 23
Rideout, Walter R	230	2, 5	Do.
Richardson, John	231	11, 12	Do.
Rasmusen, Bernard	276	5, 6	May 14
Rideout, James R	278	23, 23	May 18
Rickards, Wm. J	287	10, 14	May 21
Rosendall, Wm	346	1, 1	June 24
Rideout, Ben. R	375	10, 13	July 17
Richter, William	406	2, 12	Aug. 3
Russell, Wm. J	407	16, —	Aug. 4
Rodin, Charles F	414	2 2	Aug. 7
Ray, Winslow	435	12, 12	Aug. 19
Randall, Clement	443	13, 13	Aug. 23
Roberts, Robert H	481	8, 8	Sept. 17
Rasmusen, Rasmus	498	26, 28	Sept. 25
Reichman, Gustav	517	13, 13	Oct. 12
Rogers, Ephraim T	547	19, 21	Oct. 27
Rydell, Charlie F	551	1, 1	Oct. 28
Randall, Wm. M	572	4, 7	Nov. 8
Rasmusen, Wm. A	583	2, 7	Nov. 13
Reed, Wm. H	590	9, 11	Nov. 19
Richardson, Nic. J	A69327	4, 6	Dec. 2
Robinson, Henry G	A69342	1, 1	Dec. 10
Remington, James K	A69351	23, 23	Dec. 16
Stofen, John J	11	23, 23	Jan. 4
Scott, George	13	19, 19	Do.
Smith, Samuel P	18	8, 8	Do.
Starrs, Andw J	51	8, –	Jan. 25
Schute, Wm. C	68	11, –	Feb. 6
Schorbohm, Henry A	77	8, 20	Feb. 12
Schuler, Charles W	79	7, 7	Feb. 15
Saunders, James W	110	8, —	Mar. 2
Schiappocasse, Giov	132	1, 1	Mar. 10
Sears, John B	142	12, 16	Mar. 12
Schmidt, Fred. H	147	4, 8	Mar. 15
Saulit, Carl	157	4, 7	Mar. 19
Seaman, Geo. W	166	7, 9	Mar. 23
Spaulding, Geo. C	176	3, —	Mar. 25
Spreckels, John D	185	1, 1	Mar. 29
Shaw, David K	187	9, 9	Mar. 30
Stockfleth, John	198	16, 16	Apr. 6
Stannard, Edwin F	233	14, 16	Apr. 23
Smith, William	227	1, 9	Apr. 20
Schmalz, Claus	259	9, 9	May 5
Shea, John	269	1, 1	May 11
Sharkey, James	273	6, 8	May 12
Stephens, Charles	300	10, 14	May 27
Simmie, James W	342	11, 11	June 22
Smith, Frank	343	12, 27	June 23
Salmon, Colin	347	8, 8	June 25
Sonerud, Peter O	362	1, 1	July 8
Sharp, Robt. W	372	15, 20	July 16
Schuler, August	377	13, 21	July 19
Strand, Conrad	388	3, 7	July 23
Schwarz, Richard	404	11, 14	Aug. 2
Seabury, Wm. B	405	21, 21	Do.
Smith, Alexander	423	16, 16	Aug. 13
Sawtelle, Eugene W	432	1, 9	Aug. 16
Spencer, George	440	19, 19	Aug. 21
Stahl, Jasper	452	13, 22	Aug. 28
Swan, James W	457	7, 7	Aug. 31
Swan, Charles F	465	8, 8	Sept. 8
Somerville, John	490	4, —	Sept. 20
Searle, Robt. R	491	21, 21	Do.
Silovich, John	507	8, 10	Oct. 3
Schroder, Charles F	520	2, 5	Oct. 11
Stark, Wm. H	549	5, 10	Oct. 28
Salveson, Reier	556	9, 9	Nov. 2
Smith, Isaac L	557	7, 11	Nov. 3
Smith, Horace P	574	6, 6	Nov. 9
Smith, Henry	582	15, 15	Nov. 12
Smith, Henry D	A69311	10, 12	Nov. 26
Smith, J. Tremaine	A69335	10, 14	Dec. 7
Snow, John H	A69337	1, 1	Dec. 8
Smith, Henry	A69363	17, 17	Dec. 23
Tilton, Chas. O	21	5, 9	Jan. 6
Thompson, Charles	80	21, 22	Feb. 15
Tyler, W. C	105	21, 23	Feb. 24
Thomas, Howard C	108	11, —	Feb. 25
Thomas, Wellington	133	12, 12	Mar. 10
Turner, John	193	10, 19	Apr. 5
Trefethen, E. H	241	9, 10	Apr. 28
Thrane, P. C. L	267	8, 8	May 11
Teetzen, Albert C	295	13, 13	May 26

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Tonnesson, Hans M	335	20, 20	June 17	Weber, Charles H	40	20, 20	Jan. 20
Thompson, Rich	357	13, 22	July 2	Woodward, Jno. A	48	18, 18	Jan. 25
Thwing, Milton	365	1, 8	July 9	Walsh, John	53	1, 1	Jan. 27
Titchworth, Chas. C	370	1, 8	July 14	Wallace, Thomas	92	25, 26	Feb. 19
Terschuren, Geo	378	23, 23	July 19	Wilson, Wm. D	136	11, 14	Mar. 11
Thomsen, Dan. C	395	19, 19	July 28	Wilson, Olof P	143	2, 2	Mar. 12
Tyson, Mitchell	430	3, 5	Aug. 16	White, Howard R	173	19, 19	Mar. 24
Turner, Louis H	439	7, 7	Aug. 21	Wright, George	200	2, 5	Apr. 7
Tibbetts, Walter G	459	1, 1	Aug. 31	Wilson, James	202	7. 12	Do.
Tonnesson, Tonnes	460	5, 7	Sept. 1	Walvig, Jno. G	221	11, 11	Apr. 17
Trewren, Jos. F	479	2, 8	Sept. 16	Williams, Chas. H	224	9, 9	Apr. 19
Trask, G. G	497	4, 7	Sept. 24	Wilson, Thomas	285	6, 7	May 20
Tedtsen, Andrew	501	10, 15	Sept. 28	Watson, Harry R	296	7, —	May 26
Taylor, Edward P	531	8, 11	Oct. 16	Walton, Austin N	321	4, 6	June 7
Tulan, John T	537	15, 15	Oct. 19	Wheeler, Roscoe	337	26, 29	June 19
Tribble, Wm. T	540	13, 18	Oct. 20	Ward, William	344	12, 18	June 24
Thompson, John S	563	1, 8	Nov. 4	Whitney, Geo. H	361	7, 13	July 7
Thaxter, Wm. S	576	14, 16	Nov. 11	Warner, Fredk	392	2, 5	July 26
Tilton, Ben. F	A69321	1, 1	Nov. 29	Weber, C. H., jr	450	2, 6	Aug. 26
Titchworth, Caspar	A69343	13, 16	Dec. 11	Wheeler, George, jr	463	3, 5	Sept. 8
Thompson, Albert	A69360	4, 6	Dec. 21	Wright, William	502	6, 9	Sept. 28
Talbot, Stanwood E	A69361	6, 10	Do.	Wright, Thos. A	541	13, 15	Oct. 21
Urry, Alfred	A69324	15, 16	Dec. 1	Waddle, Jesse	575	17, 23	Nov. 11
Von Helms, Jno	106	25, 26	Feb. 24	Wickberg, Sven F	579	8, 8	Do.
Von Sneidern, Jno	138	1, 4	Mar. 11	Whiteside, Joseph	581	8, 8	Do.
Van Pelt, D. F	288	12, 22	May 22	Wester, George	A69353	1, 1	Dec. 17
Von Dahlern, J. H	330	4, 9	June 15	Wirschuleit, E. A	A69354	2, 2	Do.
Van Oterendorp, K	422	9, 9	Aug. 12	Wheeler, Stephen J	A69369	11, 11	Dec. 29
Vance, L. R	A69349	16, —	Dec. 16	Young, Edwd. E	518	1, 1	Oct. 12
Ward, Phillip D	30	10, 13	Jan. 11	Yates, Albert F	591	5, 7	Nov. 19
Willett, Walter E	31	3, 9	Jan. 12	Zaddart, Frank B	169	1, 1	Mar. 24
Wheeler, Eben D	36	23, 23	Jan. 18				

Mates licensed during the year ended December 31, 1897—San Francisco, Cal.

Anderson, Andrew V	12	5, 5	Jan. 11	Berg, Peter A	311	5, 5	Oct. 18
Anderson, John A	30	1, 1	Jan. 25	Behrsing, Edward	342	1, 1	Nov. 23
Ahlstrom, Emil G	49	6, 6	Feb. 11	Christensen, Charles	52	14, 14	Feb. 13
Andersson, Andrew W	67	3, 3	Feb. 25	Chalmers, S. H	59	4, 4	Feb. 19
Anderson, Andrew	68	3, 3	Feb. 26	Cornell, Squire H	75	4, 4	Mar. 2
Anderson, Fred P	76	17, 17	Mar. 3	Cahling, Axel R	145	2, 2	Apr. 10
Atthowe, Wm. J	78	1, 1	Do.	Cavaco, Jos. J	151	6, 6	Apr. 19
Anderson, Bernhard E	103	3, 3	Mar. 11	Crangle, Wm. J	154	2, 2	Apr. 21
Anderson, John A	155	6, 6	Apr. 22	Chapman, H. B. B	161	9, 9	Apr. 23
Andersen, Arnt	202	2, 2	May 25	Croon, Peter	178	1, 1	May 6
Anderson, Fredk	243	7, 7	July 30	Crowley, John	189	3, 3	May 14
Anst, Walter C	246	2, 2	Aug. 2	Carson, Charles	204	1, 1	May 26
Anderson, Edward	256	10, 10	Aug. 16	Cole, Wm. R	214	2, 2	June 12
Axelsen, Christian	257	5, 5	Aug. 17	Crowley, John	237	10, 10	July 20
Anderson, Peter	273	6, 6	Sept. 3	Couth, Robert	241	3, 3	July 27
Aufindsen, Bernard	284	7, 7	Sept. 15	Carlson, Frank O	271	2, 2	Aug. 31
Anderson, David	303	2, 2	Oct. 6	Coleman, John J	296	6, 6	Sept. 27
Anderson, A. G	312	2, 2	Oct. 20	Christensen, N. J	298	3, 3	Sept. 29
Anderson, Emil	327	6, 6	Nov. 6	Coursen, Sher. A	331	4, 4	Nov. 9
Adamson, Wm	337	9, 9	Nov. 16	Christensen, Lars J	340	5, 5	Nov. 22
Boyd, Thomas	10	8, 8	Jan. 11	Doyle, Thos	7	1, 1	Jan. 7
Boynildsen, John	13	6, 6	Jan. 12	Dallerup, John	25	8, 8	Jan. 21
Bennett, Wm. G	54	5, 5	Feb. 18	Dolliver, Chas. J	44	1, 1	Feb. 5
Brown, Charles A	83	6, 6	Mar. 4	Dippel, William	50	3, 3	Feb. 13
Bloom, Thorald D	97	5, 5	Mar. 8	Dahlin, John A	53	3, 3	Feb. 17
Burditt, Henry H	104	5, 5	Mar. 11	Daeweritz, Otto A	80	5, 5	Mar. 3
Bennett, Reginald	114	3, 3	Mar. 22	Dent, George S	139	4, 4	Apr. 6
Beckley, Henry O	133	4, 4	Apr. 1	Davies, James	181	1, 1	May 7
Benediktsen, Jno	134	1, 1	Do.	Davies, William	198	3, 3	May 21
Bowdich, Richd. W	140	4, 4	Apr. 6	Dorn, Charles	211	6, 6	June 5
Black, M. Louis	159	1, 1	Apr. 23	Delano, Robt. G	304	7, 7	Oct. 7
Bowen, James	168	4, 4	Apr. 29	Daggett, Franklin	329	13, 14	Nov. 9
Brooks, Fred W	171	1, 1	Apr. 30	Dahlquist, N. Aug	352	2, 2	Dec. 6
Burns, Peter	191	3, 3	May 17	Davis, Charles H	361	1, 1	Dec. 13
Bark, Frithiof	197	5, 5	May 21	Dethlefsen, John P	375	9, 9	Dec. 24
Birkholm, Fred. S	207	3, 3	June 1	Ewart, Geo. H	8	5, 5	Jan. 8
Bjorkengren, Charles	218	8, 8	June 19	Engelbrettsen, Edwd	29	8, 8	Jan. 25
Baldwin, Louis S	225	3, 3	July 6	Egan, John H	65	1, 1	Feb. 23
Batchelder, Wm. H	232	4, 4	July 13	Eckland, Charles	98	3, 3	Mar. 8
Baker, Charles	253	2, 2	Aug. 13	Erikson, Antaari	167	2, 2	Apr. 29
Becker, N. A. T	283	3, 3	Sept. 15	Engelbretsen, Hans	177	1, 1	May 5
Bostrom, Chas. A	288	6, 6	Sept. 17	Edwardsen, John	185	6, 6	May 12

* Number of issue of current grade and the number of issues of all grades.

Mates licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Estvold, Saml. R	203	5, 5	May 26
Ericcson, Charles	259	5, 5	Aug. 17
Erikson, Erik	262	6, 6	Aug. 21
Ellessen, John	371	2, 2	Dec. 21
Fisher, William	4	3, 3	Jan. 4
Fitzmaurice, George	11	6, 6	Jan. 11
Fosen, Lind O	47	3, 3	Feb. 10
Furman, Lawrence M	90	8, 8	Mar. 8
Flanders, Robt. N	116	1, 1	Mar. 22
Funder, Peter	206	11, 11	May 28
Frantzon, Charles O	250	2, 2	Aug. 3
Fjarem, Fritzof	317	1, 1	Oct. 23
Fitzmaurice, Lionel	376	8, 8	Dec. 28
Gustafson, Charles	37	4, 4	Feb. 1
Goken, John C	69	9, 9	Feb. 26
Garthley, John	121	4, 4	Mar. 25
Gibson, Geo. H	148	3, 3	Apr. 15
Guthrie, James	188	7, 7	May 14
Gurney, James M	338	3, 3	Nov. 17
Hansen, Ole	14	12, 12	Jan. 12
Hansen, Thom	62	4, 4	Feb. 23
Hansen, John A	66	8, 8	Feb. 24
Hollm, Alfred	82	6, 6	Mar. 4
Hotkens, Isaac	86	8, 8	Mar. 6
Hyde, Caleb H	91	10, 10	Mar. 8
Holland, Charles J	96	2, 2	Do.
Hayes, Henry	107	7, 7	Mar. 15
Holmberg, Alfred	143	5, 5	Apr. 8
Hansen, Frank P	172	1, 1	Apr. 30
Holmberg, John	201	5, 5	May 25
Hansen, Magnus	210	6, 6	June 5
Hanlon, Thos. P	226	10, 10	July 8
Hansen, Bernhard	234	3, 3	July 17
Hartwick, Charles	235	7, 7	Do.
Haworth, Joseph M	242	2, 2	July 28
Horgen, Otter H	249	1, 1	Aug. 2
Hansen, Charles	258	8, 8	Aug. 17
Hennig, Paul J	286	1, 1	Sept. 16
Hughes, John	292	8, 8	Sept. 20
Healey, Edwin J	293	3, 3	Sept. 21
Harrisson, Massillon	307	3, 3	Oct. 9
Hakla, Martin	308	1, 1	Oct. 13
Hansen, Hans J	314	1, 1	Oct. 20
Hansen, L. C. G	319	6, 6	Oct. 27
Hansen, Lers	345	6, 6	Nov. 27
Helander, Jno. F	349	6, 6	Nov. 29
Hilton, Albert	350	5, 5	Nov. 30
Hyvarnien, Jno. W	353	10, 10	Dec. 6
Holmes, Hans H	360	3, 3	Dec. 14
Hansen, Olut R	362	5, 5	Do.
Hansen, Her. G	374	1, 1	Dec. 23
Hyde, John A	377	12, 12	Dec. 31
Iversen, William	170	5, 5	Apr. 30
Iversen, John	176	5, 5	May 5
Irvin, Thomas	290	7, 7	Sept. 20
Ingelbretson, J. M	321	5, 5	Oct. 29
Jamieson, Thos. A	58	1, 1	Feb. 19
Jones, Hugh P	71	5, 5	Feb. 26
Johnson, John	79	1, 1	Mar. 3
Johnson, Oscar	99	8, 8	Mar. 8
Johnson, Edwd. E	124	1, 1	Mar. 25
Johnstone, Geo. M	130	1, 1	Mar. 29
Johnson, Aron T	147	6, 6	Apr. 13
Johnson, John C	156	9, 9	Apr. 22
Jonsson, Petter	165	7, 7	Apr. 27
Jorgensen, Toldus K	173	6, 6	May 1
Johnson Hjalmar	200	1, 1	May 24
Johnson, Henry A	215	5, 5	June 12
Johnson, Geo. H	216	8, 8	June 14
Jacabsen, Nels A	219	3, 3	June 22
Jones, Hugh L	224	2, 2	July 2
Jensen, Jeppe	255	8, 8	Aug. 14
Johnson, A. M	291	3, 3	Sept. 20
Johnson, Oscar	294	1, 1	Sept. 22
Johansen, J. P. C	326	7, 7	Nov. 6
Johnson, Peter J	334	1, 1	Nov. 13
Johansen, Ole A	354	1, 1	Dec. 8
Johannesen, Henrik	366	6, 6	Dec. 16
Jorgensen, W. S. E	369	11, 11	Dec. 18
Johnson, Oscar	372	1, 1	Dec. 21
Kramer, Saml. H	24	2, 2	Jan. 20
Karlson, Nils F	35	2, 2	Feb. 1
Klintborn, Fred	55	3, 3	Feb. 18
Kerne, Howard	56	13, 13	Feb. 19
Karlson, John	61	4, 4	Feb. 23
Kummer, Max	92	3, 3	Mar. 8
Krebs, Wm. G	190	1, 1	May 15
Kitt, Elias P	195	2, 2	May 18
Kirkwood, Alexr	268	6, 6	Aug. 27
Kuhlman, Emil	281	1, 1	Sept. 13
Lundine, John	2	7, 7	Jan. 2
Larson, Louis	19	7, 7	Jan. 16
Larsson, Charles S	22	1, 1	Jan. 19
Leary, Stephen S	81	1, 1	Mar. 3
Lilzegren, Fred	94	6, 6	Mar. 8
Long, Frank A	110	1, 1	Mar. 16
Lewis, Harry	157	1, 1	Apr. 23
Lane, James M	182	5, 5	May 10
Lindberg, Charles O	285	7, 7	Sept. 16
Lord, James W	363	4, 4	Dec. 15
Mattson, Mathias A	31	6, 6	Jan. 26
Mitchell, Jno. J. C	39	1, 1	Feb. 2
Mellin, Charles B	40	5, 5	Feb. 3
Malmsten, Aug	45	2, 2	Feb. 5
Mellin, Arvid E	60	10, 10	Feb. 23
Menzell, Alexr	84	6, 6	Mar. 4
Martin, Jno. J	85	1, 1	Mar. 5
Mortensen, Jno. P	113	10, 10	Mar. 20
McNevin Edmond, jr	118	8, 8	Mar. 23
McNulty, Christopher	122	7, 7	Mar. 25
Moore, Thomas	128	1, 1	Mar. 27
Mikkelsen, Chester P	129	1, 1	Mar. 29
McKay, Robert B	137	2, 2	Apr. 2
Marschall, Charles H	158	7, 7	Apr. 23
Malmoos, Andrew	163	6, 6	Apr. 26
McNeil, Roderick	169	4, 4	Apr. 29
Martin, Jno. F	174	13, 13	May 3
Moreno, John	175	2, 2	May 5
Mallett, Chas. W	179	6, 6	May 6
Mikkelson, Robert	183	6, 6	May 10
McGrath, Patrick	222	1, 1	June 24
McCarthy, Patrick	227	6, 6	July 9
Mathews, Thos	263	8, 8	Aug. 23
McKellar, John	264	6, 6	Do.
McKenzie, Wm	301	1, 1	Oct. 2
Meyer, Peter C	305	4, 4	Oct. 8
Marr, Joseph E	306	7, 7	Oct. 9
Miller, James F	323	4, 4	Nov. 3
Morgan, Elisha	324	2, 2	Do.
Morton, Henry E	332	5, 5	Nov. 11
Miller, Geo. J. L	333	4, 4	Nov. 13
Mercer, Wm. H	359	6, 6	Dec. 13
Macomber, Wm. F	370	2, 2	Dec. 18
Nelson, Nicolas	17	1, 1	Jan. 14
Nielsen, Andrew	73	5, 5	Mar. 1
Nelson, Fredk. A	77	1, 1	Mar. 3
Nielsen, Conrad	88	4, 4	Mar. 6
Nicolson, Norman	102	4, 4	Mar. 10
Nilsen, Wincian	112	3, 3	Mar. 17
Nielsen, Peter	115	7, 7	Mar. 22
Nichols, Gustav	141	7, 7	Apr. 7
Nilsson, Axel	164	6, 6	Apr. 27
Nielsen, Thomas	186	5, 5	May 13
Nelson, Andrew W	247	7, 7	Aug. 2
Nyman, Henry	269	7, 7	Aug. 27
Nelson, Andrew P	280	5, 5	Sept. 11
Nordberg, Fred	282	7, 7	Sept. 13
Nilsson, Oscar	299	7, 7	Oct. 2
Nelson, Thomas	320	7, 7	Oct. 29
O'Brien, Chas. J	34	6, 6	Jan. 29
Olsen, Louis A	36	6, 6	Feb. 1
O'Brien, Patrick	57	13, 13	Feb. 19
Olsen, John	101	5, 5	Mar. 10
Olsen, Hakan E	221	3, 3	June 23
Olsen, Edward	248	1, 1	Aug. 2
Olsen, Lars E	274	5, 5	Sept. 4
Olsen, John	341	3, 3	Nov. 23
Olsen, Otto	343	4, 4	Nov. 24
Pagel, Wm. J	43	10, 10	Feb. 4
Peterson, Gustav	89	5, 5	Mar. 6

* Number of issue of current grade and the number of issues of all grades.

Mates licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Petersen, Mauritz	123	3, 3	Mar. 25	Sellman, John	199	1, 1	May 22
Park, Lewis B	166	7, 7	Apr. 28	Schmidt, John	220	10, 10	June 22
Poulsen, Peter	205	7, 7	May 28	Saletsky, John A	223	1, 1	June 30
Pedersen, John P	208	4, 4	June 3	Stephenson, Wm	228	4, 4	July 12
Payne, Her. T	310	4, 4	Oct. 16	Scott, David	261	4, 4	Aug. 21
Poulsen, Lauritz J	316	6, 6	Oct. 21	Stannard, Wm	265	2, 2	Aug. 24
Parle, Michael C	339	2, 2	Nov. 17	Shannon, Thomas	270	5, 5	Aug. 27
Petterson, Johan A	357	6, 6	Dec. 9	Sandberg, Samuel	279	4, 4	Sept. 8
Petersen, Andrew	368	2, 2	Dec. 17	Strom, Olaus	302	6, 6	Oct. 4
Quayle, Leopold	132	1, 1	Mar. 31	Spar, John	313	5, 5	Oct. 20
Robertson, Robert	5	9, 9	Jan. 5	Spring, Henry C	315	6, 6	Oct. 21
Reinertsen, Jno. A	18	5, 5	Jan. 15	Stewart, David	322	16, 16	Nov. 1
Ryan, Jer. A	20	1, 1	Jan. 19	Schwartz, Charles	325	3, 3	Nov. 3
Roberts, Henry	28	5, 5	Jan. 23	Smith, Geo. W	328	3, 3	Nov. 8
Rudbach, Jno. C	33	11, 11	Jan. 27	Smith, James W	331	3, 3	Dec. 1
Reid, James	109	1, 1	Mar. 15	Stindt, Fredk	358	1, 1	Dec. 10
Robinson, Francis	126	8, 8	Mar. 26	Soderdahl, C. O	367	1, 1	Dec. 16
Rex, Joseph H	146	9, 9	Apr. 12	Thatcher, Jas. J	64	1, 1	Feb. 23
Rex, Wm. C	187	5, 5	May 4	Thorsen, Lars	100	4, 4	Mar. 10
Radmer, Anton	209	5, 5	June 5	Thyboe, Peter	192	4, 4	May 17
Rae, Robert A	212	9, 9	June 8	Thompson, Thos. H	276	1, 1	Sept. 4
Reiner, Charles	213	5, 5	Jnne 12	Turner, Frank H	309	5, 5	Oct. 16
Rideout, Benjamin	231	1, 4	July 12	Thiel, Albert	318	3, 3	Oct. 27
Ross, John W	236	7, 7	July 19	Todd, James W	346	2, 2	Nov. 27
Reichelt, E. L	240	10, 10	July 26	Turloff, John F	356	9, 9	Dec. 9
Rogers, Wm. J. C	330	2, 2	Nov. 9	Thomsen, Einer	365	1, 1	Dec. 15
Roberts, Wm. H	347	13, 13	Nov. 29	Voodrey, Ell K	70	1, 1	Feb. 26
Stone, John F	1	6, 6	Jan. 2	Volquardsen, Aug	162	7, 7	Apr. 26
Smith, Edwd. O	3	2, 2	Do.	Volker, Charles	196	1, 1	May 18
Sepp, Andrew	9	3, 3	Jan. 11	Vega, Frank	229	3, 3	July 12
Scott, John	16	3, 3	Jan. 12	Vile, Charles	244	5, 5	July 31
Smith, Henry	21	12, 12	Jan. 19	Varley, James M	260	9, 9	Aug. 21
Schon, Jens P	23	8, 8	Do.	Wilson, Gustaf H	26	1, 1	Jan. 23
Smith, Rudolf	32	5, 5	Jan. 27	Wickman, Karl E	27	5, 5	Do.
Scoular, James	38	1, 1	Feb. 2	Walwick, Anthon	51	2, 2	Feb. 13
Speier, Jacob	42	1, 1	Feb. 4	Walker, Hugh	87	4, 4	Mar. 16
Schillinsky, Carl	46	3, 3	Feb. 8	Whitten, Joseph B	108	11, 11	Mar. 15
Samuels, Andrew	63	3, 3	Feb. 23	Wikander, Charles	119	6, 6	Mar. 24
Sund, Charles W	74	5, 5	Mar. 1	Winkel, George	120	5, 5	Mar. 25
Spohn, Wm	93	3, 3	Mar. 8	Wickstrom, Aug. W	230	5, 5	July 12
Seaton, Thos. J	105	7, 7	Mar. 12	Wescott, Wm	233	5, 5	July 15
Slate, Arthur H	111	6, 6	Mar. 16	Wittke, Paul	252	1, 1	Aug. 7
Smith, John E	135	8, 8	Apr. 2	Wilson, Edwd. P	266	6, 6	Aug. 25
Sundgren, Swante N	138	4, 4	Apr. 5	Wilson, Jno. L	267	3, 3	Aug. 27
Spence, Edward	144	9, 9	Apr. 9	Wiseman, Wash. A	277	6, 6	Sept. 7
Schlemier, F. W	149	7, 7	Apr. 16	Weiding, Andrew	287	6, 6	Sept. 17
Smith, Carl A	150	1, 1	Apr. 17	Ward, Edwd. A	295	6, 6	Sept. 24
Swanson, Charles	152	6, 6	Apr. 21	Watson, Wm. D	344	9, 9	Nov. 24
Sorensen, Wald. C	160	2, 2	Apr. 23	West, Ellsworth L	348	4, 4	Nov. 29
Shaughnessy, James	180	6, 6	May 7	Yates, Emil B	297	3, 3	Sept. 28
Sullivan, John F	193	8, 8	May 17	Zeh, George H	136	4, 4	Apr. 2

Mates and pilots licensed during the year ended December 31, 1897—San Francisco, Cal.

Alexander, Jesse L	356	2, 2	Dec. 8	Hansen, Ole C	239	3, 3	July 22
Bowen, Harry	41	5, 9	Feb. 3	Koehler, Barth	15	4, 4	Jan. 12
Bolger, James	117	5, 9	Mar. 23	Kram, Olaf T	125	5, 5	Mar. 26
Boyle, Alexander	335	3, 25	Nov. 15	Lucht, Conrad	142	3, 6	Apr. 7
Carlson, Olof	95	5, 5	Mar. 8	Marshall, Edwd. T	184	2, 2	May 11
Christensen, O. S	106	1, 1	Mar. 12	Morgan, John	238	1, 3	July 22
Cutten, Charles	275	14, 14	Sept. 4	Naylor, Saml. G	364	10, 10	Dec. 15
Chlemens, Julius	373	2, 5	Dec. 23	Ostrowski, C. A. B	6	6, 7	Jan. 5
Downey, M. R	194	1, 1	May 17	Olsen, Bent	289	3, 4	Sept. 18
Fisher, Owen F	254	1, 1	Aug. 13	Polsson, Adolph	251	3, 3	Aug. 5
Falkenburg, Wm	278	7, 10	Sept. 7	Schirmer, Wm	72	3, 8	Feb. 27
Frederick, Robert	300	1, 3	Oct. 2	Salisbury, Daniel	131	4, 5	Mar. 29
Gundersen, Peter	127	2, 5	Mar. 27	Simpson, Henry	245	6, 9	July 31
Gage, Wm. E	272	8, 11	Aug. 31	Strem, August	336	2, 5	Nov. 15
Hunter, James G	48	2, 21	Feb. 10	Wright, John A	153	5, 7	Apr. 21
Hobbs, Geo. L	217	5, 10	June 19				

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed during the year ended December 31, 1897—San Francisco, Cal.

Name.	No. of license.	No. of issue.*	Date of issue.
First-class pilots.			
Avery, Charles	2	1.1	Mar. 26
Benson, Wm. A	12	1.9	June 2
Cabler, A. N	3	—,15	Apr. 8
Carlson, Andrew	9	1,4	May 13
Denman, John O	6	1.1	Apr. 9
Dorges, Gus	24	6,12	Oct. 19
Dunnells, S. S	27	5.5	Dec. 4
Grimm, Peter J	1	2.2	Feb. 20
Griffin, John H	18	8,9	Aug. 9
Hesse, Diedrich	15	1.4	June 29
Hoffman, John C	28	1.12	Dec. 21
Johnson, Edwin	16	1,7	July 15
Lee, Eugene S	23	1.1	Oct. 9
Murphy, Frank J	4	1,1	Apr. 8
McNoble, Emery L	7	2.2	Apr. 14
Merx, Herman	14	5.12	June 10
Nevins, James G	8	4.4	May 3
Nielsen, Emil H	20	1.1	Aug. 20
Niles, James M	25	11.12	Nov. 10
Petzinger, A. W	5	1.1	Apr. 8
Penso, John	21	10,10	Sept. 22
Peterson, Jens	26	9,14	Dec. 2
Rideout, Eugene	17	2.6	July 20
Stephenson, John	19	5.7	Aug. 19
Seaberg, Chas. A	22	2.2	Sept. 22
Traung, George E	29	1.8	Dec. 29
Torgersen, Olaf B	13	1.2	June 8
Weldt, D. W	10	1,1	May 17
Wold, Peter F	11	1.4	May 28
Second-class pilots.			
Anderson, Paul	18	6.6	Mar. 22
Anderson, Niels	20	1,1	Mar. 29
Barber, James B	10	6.6	Mar. 2
Bachman, Charles A	28	6.6	May 6
Bliss, C. T	47	9.9	July 28
Barrett, Alfd. J	56	2.2	Oct. 12
Cooley, Wm. L	34	1.1	June 2
Colonby, Martin	38	7.7	June 17
Dreaper, Calvin P	8	4.4	Feb. 20
Denny, John	58	13.13	Nov. 6
Eckley, John L	1	10,10	Jan. 4
Fay, Nahum, jr	17	9.9	Mar. 17
Farley, Daniel	46	8.8	July 28
Flanders, Albert C	49	3,3	Aug. 9
Freese, Wm. F	66	1.5	Dec. 21
Gustafson, Lars A	12	1,1	Mar. 8
Henriksen, Olans	3	6,6	Jan. 22
Hansen, Peter	5	2.2	Feb. 10
Hansen, Andreas	22	1.1	Apr. 2
Second-class pilots—Continued.			
Hanto, Jorgen H	37	1.1	June 12
Hunkin, Edmond	41	2.2	July 2
Hansen, Alfred	63	12.12	Nov. 22
Hughes, Thomas	65	3.3	Dec. 14
Jarvis, Wm. C	19	2.2	Mar. 29
Johnson, Charles A	23	9.9	Apr. 6
Lindell, John M	21	7.7	Apr. 1
Lauritzen, Hans P	43	2.2	July 8
Meyns, Claus	13	5.5	Mar. 9
Moore, Zemro S	15	3.3	Mar. 15
Michaelis, Julius	24	1.1	Apr. 12
Moller, Nicolai	42	5.5	July 6
McCann, R. W	51	11.11	Aug. 20
Noronha, M. M	16	2.2	Mar. 16
Nelson, Andrew	30	7.7	May 12
Pederson, Peder	6	2.2	Feb. 17
Parker, John C	26	2.2	Apr. 21
Paulsen, J. L	57	6.6	Oct. 25
Preston, John	62	3.3	Nov. 22
Remington, Geo. W	25	9,9	Apr. 14
Reinhold, Frank W	33	1.1	May 20
Smith, Oliver	27	4.4	Apr. 26
Seileman, Chas. T	29	1.1	May 8
Stewart, Chas. E	31	3.3	May 14
Sandstrom, Emil A	60	6.6	Nov. 16
Smallman, Wm	64	9.9	Dec. 10
Taggart, John E	14	2.11	Mar. 11
Weatherbee, O. H	32	13.13	May 19
Wilkinson, Fred. D	52	6,6	Aug. 27
Special pilots.			
Bigger, Olin M	2	2.2	Jan. 6
Bonner, John	56	2.2	Oct. 12
Dalton, John P	36	8.8	June 11
Fulton, Clarence	66	1.5	Dec. 21
Graham, Henry A	44	8.8	July 16
Goodair, Ed. D	61	1.1	Nov. 18
Howard, George	9	1.1	Mar. 1
Haughton, Ed. H	11	4.4	Mar. 3
Hammer, Robt. W	50	1.1	Aug. 11
Keane, David	35	1.1	June 8
O'Brien, M. R	55	4.4	Oct. 6
Rodolph, Charles T	7	1.1	Feb. 18
Spero, George	4	5.5	Feb. 1
Sibley, David	48	1.1	Aug. 3
Thorrold, Eliza	53	1.1	Aug. 27
Taylor, Charles H	59	1.1	Nov. 11
Wilson, Fred. G	39	2.2	June 28
Werder, Louis	45	3.3	July 22

Joint pilots and engineers licensed during the year ended December 31, 1897—San Francisco, Cal.

Chittenden, C. R	2	3.3	Jan. 23
Ditty, Hal. F	5	6,6	Sept. 20
Emerick, Wm. J	3	5,5	June 8
Greene, George B	7	6.11	Dec. 3
Hinckley, H. G	6	3.3	Sept. 20
Murphy, James E	1	2.2	Jan. 4
Thomas, Jesse H	4	5.5	July 16

Engineers licensed during the year ended December 31, 1897—San Francisco, Cal.

Chief engineers (ocean).			
Alison, Wm. H	45	12.17	Feb. 1
Adelseck, Frank	116	12.20	Mar. 22
Ames, Geo. S	249	21,25	June 7
Armstrong, John	309	6,7	July 20
Anderson, John	382	7.13	Sept. 17
Bunting, Wm. L	36	4.9	Jan. 27
Bartmess, Lloyd C	38	2,7	Jan. 28
Chief engineers (ocean)—Continued.			
Bessing, Jos. J	48	7.12	Feb. 4
Bullene, Edw. E	51	11.16	Feb. 5
Beggs, Saml. C	71	10,17	Feb. 23
Bulger, Martin	81	—,39	Mar. 1
Brunbrook, A. F	82	—,12	Mar. 2
Burke, Joseph F	107	6,11	Mar. 18
Bragg, Frank	111	13.17	Mar. 19

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (ocean)—Continued.			
Bulger, John K	112	10, 16	Mar. 19
Burrill, Wm. P	240	8, 16	May 29
Bowen, Wm	251	9, 14	June 10
Birkinshaw, George	351	—, 12	Aug. 19
Barnes, Monroe	375	—, 20	Aug. 30
Black, Edwin C	376	—, 15	Aug. 31
Brolley, Archd. B	379	1, 1	Sept. 13
Bitley, Frank W	392	7, 9	Sept. 29
Bird, Edward	396	6, 15	Oct. 6
Blanchard, Frank R	398	6, 16	Oct. 9
Blum, Charles	417	1, 8	Oct. 25
Burleman, Henry	497	1, 26	Dec. 10
Bulger, Thos. D	537	5, 12	Dec. 29
Campbell, John	†127	1, 1	Mar. 29
Chisholm, John J	133	—, 12	Mar. 30
Cloak, Harry B	166	13, 17	Apr. 19
Cook, John	†186	1, 1	Apr. 27
Caughey, James	†187	1, 1	Apr. 28
Crosby, George H	197	14, 18	May 4
Carrick, Daniel	210	20, 27	May 14
Carballo, Manuel	215	2, 7	May 17
Church, Saml. H	220	5, 11	May 19
Cradick, Martin	246	3, 12	June 7
Croghan, Francis	261	4, 9	June 17
Criglar, Wm. L	265	—, 22	June 19
Cooper, Herbert H	280	6, 14	June 29
Collins, Henry	288	6, 15	July 6
Comstock, Rufus	302	8, 12	July 23
Christensen, Henry	324	1, 20	July 30
Cherry, C. C	361	5, 6	Aug. 23
Crofts, John J	400	19, 34	Oct. 12
Courtney, Daniel	421	2, 10	Oct. 27
Cowperthwaite, Jno. J	442	17, 23	Nov. 8
Creamer, Jno. C	471	13, 17	Nov. 29
Cramp, Edwd. E	472	6, 12	Do.
Cookson, Frank	474	—, 25	Do.
Cunningham, Peter	488	15, 25	Dec. 6
Campbell, Peter M	514	9, 9	Dec. 16
Connelly, Beruard A	532	6, 12	Dec. 27
Cousins, Wm	534	10, 17	Dec. 28
Coombs, Wm. M	377	7, 11	Sept. 1
Dixon, Henry W	19	3, 3	Jan. 12
Duncan, Emile	43	13, 17	Jan. 30
Dolan, Joseph P	61	1, 7	Feb. 15
Donahue, Daniel	95	—, 17	Mar. 9
Dorward, Joseph E	105	6, 6	Mar. 15
Doe, Otis F	131	3, 10	Mar. 30
Dorrity, Anthony	140	17, 27	Apr. 1
De Jansserand, N	148	16, 17	Apr. 7
Dunn, Michael	154	19, 22	Apr. 12
Donnelly, John	162	8, 14	Apr. 17
Donnelly, Wm. F	175	7, 12	Apr. 22
Deturbe, John	178	9, 19	Apr. 23
Driscoll, James E	228	9, 19	May 25
Dawsett, George	253	24, 24	June 11
Davidson, John	269	7, 16	June 22
Duffy, Edward	272	1, 1	June 24
Dawson, James A	283	9, 15	July 2
Dill, Alexr	293	3, 3	July 10
Delaney, Joseph	301	—, 8	July 17
Dominguez, Richd. A	347	3, 12	Aug. 13
Dunne, John C	405	4, 7	Oct. 16
Duffy, Peter	422	14, 16	Oct. 28
Dickson, George	430	4, 9	Nov. 2
Drennon, Wm. H	433	6, 10	Nov. 5
Dunton, Oliver M	469	6, 11	Nov. 27
Drouillard, John	504	6, 10	Dec. 14
Deveron, Duncan	523	12, 17	Dec. 21
Davis, Robert	530	1, 13	Dec. 24
Dean, Francis	536	5, 10	Dec. 28
Evers, Frank H	163	3, 3	Apr. 17
English, John	167	3, 7	Apr. 19
Ely, George	468	20, 30	Nov. 26
Ellis, John E	478	7, 13	Nov. 30
Fox, William	55	7, 7	Feb. 8
Fletcher, Harry	99	10, 15	Mar. 12
French, Edwd. J	113	5, 10	Mar. 19
Chief engineers (ocean)—Continued.			
Forbes, John R	124	22, 26	Mar. 27
Ferguson, George H	319	—, 12	July 28
Fox, Joseph E	403	13, 15	Oct. 15
Foster, Edwd	391	—, 27	Sept. 28
Farrell, John	423	8, 20	Oct. 28
Foord, James	434	27, 28	Nov. 5
Ferguson, James	454	8, 18	Nov. 15
Fisher, James	487	6, 13	Dec. 6
Fredericks, Wm. G	507	15, 20	Dec. 14
Furlong, S. J	510	13, 19	Dec. 16
Fairfield, Daniel	522	6, 11	Dec. 18
Flanagan, Patrick	385	6, 6	Sept. 20
Green, Lawrence N	101	1, 5	Mar. 12
Gray, Daniel C	†194	1, 1	May 1
Goodrich, Addison	232	10, 18	May 26
Graham, John	237	2, 2	May 28
Grundell, James H	252	1, 7	June 10
Griffith, Samuel	294	5, 10	July 10
Gilliam, Wm. A	316	12, 17	July 26
Gardner, Fred. A	339	13, 17	Aug. 6
Grundell, Charles L	355	9, 14	Aug. 19
Gould, Frank C	362	6, 11	Aug. 23
Gasslander, Fritz	397	4, 10	Oct. 6
Griffin, John W	466	20, 28	Nov. 24
Godbeer, Wm	475	3, 11	Nov. 29
Garvey, James D	479	1, 11	Nov. 30
Hyde, Alexander	24	5, 5	Jan. 16
Haines, S. N	40	—, 16	Jan. 30
Holtz, Gustav	117	5, 10	Mar. 23
Hogan, Wm. F	136	10, 16	Mar. 31
Hackley, Robt. J	144	—, 26	Apr. 5
Horne, Wm	153	7, 11	Apr. 12
Holland, Wm	203	8, 14	May 10
Hansen, Gunder	230	8, 14	May 26
Holland, John J	254	5, 11	June 11
Heeney, Thos. J	279	5, 10	June 29
Houghton, Edwd. D	308	2, 8	July 19
Hamilton, Joseph	371	2, 8	Aug. 27
Hickey, Owen	389	2, 15	Sept. 25
Hawxhurst, Saml. W	407	—, 31	Oct. 9
Heeney, Thos. F	413	4, 22	Oct. 20
Helland, F. C. H	431	22, 22	Nov. 5
Hartel, Fred R.	449	9, 9	Nov. 11
Howland, John	451	7, 9	Do.
Herlihy, P. H	467	13, 20	Nov. 26
Hayes, Patrick	473	1, 8	Nov. 29
Houston, Thos. T	481	8, 12	Dec. 2
Howell, John	505	11, 22	Dec. 14
Harrison, Ben	515	13, 17	Dec. 17
Harrigan, Peter	519	1, 17	Do.
Howell, James	528	1, 8	Dec. 23
Harley, John	531	—, 12	Dec. 27
Johnston, Wm. A	33	10, 15	Jan. 26
Jones, Wm. L	94	6, 13	Mar. 9
Jones, Joseph H	135	26, 26	Mar. 31
Jensen, Ch. L	196	7, 13	May 3
Johnson, Charles H	229	—, 12	May 26
Jones, John A	273	16, 23	June 24
Jones, Abraham B	410	16, —	Oct. 20
Jarrett, Charles A	†436	1, 1	Nov. 5
Jackson, John F	458	12, 16	Nov. 17
Johnson, Peter G	486	11, 24	Dec. 6
Jones, Frank A	511	14, 19	Dec. 16
Kidd, John V	34	—, 15	Jan. 27
Kelly John	125	12, 15	Mar. 29
Kellen, John J	†219	1, 1	May 18
Koenig, Albert	†267	1, 1	June 21
Kingsland, George R	282	13, 18	July 2
Killgore, Robt. R	298	12, 17	July 15
Kenny, Edwd. H	329	—, 10	Aug. 2
Keller, James E	394	10, 16	Oct. 1
Koen, Charles J	428	1, 10	Nov. 1
Kress, Aug. H	463	15, 21	Nov. 23
Kull, John H	516	8, 15	Dec. 17
Kelly, Wm. H	517	—, 12	Do.
Lee, Charles A	42	5, 9	Jan. 30
Linderman Gustav	52	2, 8	Feb. 5

*Number of issue of current grade and the number of issues of all grades. † Gasoline.

Engineers licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (ocean)—Continued.			
Logan, Wm. D	89	—, 9	Mar. 6
Lindley, Wm. D	106	—, 10	Mar. 16
Lacey, Charles C	119	—, 22	Mar. 25
Lindsay, Geo. R	152	17, 17	Apr. 10
Lamson, Henry	158	3, 10	Apr. 16
Lowe, James	170	—, 17	Apr. 21
Lehners, Carl F	202	10, 17	May 8
Low, John A	†204	1, 1	May 10
Lewis, Charles V	241	1, 1	May 29
Lappin, Thomas	302	—, 16	July 17
Lochart, Geo. N	304	5, 10	Do.
Lange, Ernest	322	2, 8	July 30
Lampman, Henry	331	—, 37	Aug. 3
Lermond, C. G	356	7, 13	Aug. 19
Lininger, Louis W	†370	1, 1	Aug. 27
Lux, Henry	496	7, 11	Dec. 9
Likins, Frank	535	1, 12	Dec. 28
Morse, Charles E	17	2, 8	Jan. 11
Martin, David C	1	7, 12	Jan. 2
Mathews, Jos. H	47	—, 31	Feb. 3
McEvoy, James	58	8, 15	Feb. 11
Mehaffey, Wm	66	—, 21	Feb. 20
McDermott, D. A	92	18, 22	Mar. 8
Milstead, Jas. W	93	8, 11	Mar. 9
Murphy, Bernard J	114	5, 10	Mar. 20
McGovern, Martin V	†118	1, 1	Mar. 24
Montgomery, Robert	120	—, 20	Mar. 25
Munn, William	122	—, 8	Do.
McStay, John J	126	13, 19	Mar. 29
Merriman, Geo. M	132	6, 10	Mar. 30
Morrisey, Jas. H	145	—, 14	Apr. 5
McAnney, B	146	—, 29	Apr. 6
McNeill, Henry	†149	1, 1	Apr. 7
McMullin, Harry F	150	1, 6	Apr. 9
Mahoney, James	182	—, 18	Apr. 26
Marshall, James	183	13, 21	Do.
Morris, Edward T	225	4, 4	May 22
McIntosh, John F	227	—, 8	May 25
McDonald, Alex	247	5, 25	June 7
Martin, Alfd. W	†248	1, 1	June 7
McColgan, Dennis	276	—, 12	June 28
McFeeley, Charles	284	3, 9	July 3
Mannie, Emmet M	287	22, 29	July 6
Moir, George	296	—, 11	July 13
McDonald, Wm	305	2, 2	July 17
Mecredy, Wm. J	314	—, 15	July 24
McCarthy, John	323	6, 12	July 30
Munroe, Robert	325	10, 15	Do.
McKeon, John	332	—, 24	Aug. 3
Mansshardt, Aug	338	1, 7	Aug. 5
McClure, Wm	346	—, 33	Aug. 13
Murray, John	373	2, 2	Aug. 28
Miller, Harry	387	4, 10	Sept. 23
McMillan, Hugh	393	4, 9	Sept. 30
Moningar, Jos. S	411	1, 10	Oct. 20
Martland, B. K	425	2, 8	Oct. 29
Miller, J. E. A	429	7, 12	Nov. 1
McIver, James	438	7, 17	Nov. 5
Martland, Wm. K	427	13, 18	Nov. 1
Morris, Theodore	440	7, 10	Nov. 5
Mitchell, J. M. B	452	5, 13	Nov. 13
Molloy, Edward	464	6, 10	Nov. 24
Murphy, Jno. J	484	13, 19	Dec. 6
Meenan, Hugh	524	—, 18	Dec. 21
McConologue, Jas	539	7, 24	Dec. 31
Nicholson, J. A	10	—, 13	Jan. 6
Nickson, Frank	†128	1, 1	Mar. 29
Neiman, Wm. H	218	—, 23	May 18
Nixon, Fred	259	24, 25	June 14
Neal, William	357	3, 5	Aug. 20
Ojeda, Robt. V	2	3, 8	Jan. 2
O'Brien, John E	56	4, 9	Feb. 10
O'Neill, Bernard	134	1, 12	Mar. 31
O'Donnell, Francis	142	6, 12	Apr. 2
Osborne, Henry	179	13, 25	Apr. 24
O'Neill, Robt. P	231	6, 12	May 26
O'Callaghan, Wm	335	—, 26	Aug. 5
Chief engineers (ocean)—Continued.			
O'Donnell, Wm. H	399	4, 11	Oct. 11
Offerman, Geo. H	414	6, 10	Oct. 22
O'Neill, James	444	7, 16	Nov. 8
O'Reilly, Charles	459	6, 12	Nov. 18
Ormond, Wm	525	7, 8	Dec. 23
Prosch, Oscar	14	12, 21	Jan. 9
Plaskett, Peter L	57	16, 16	Feb. 11
Pierson, Willard H	59	12, 17	Do.
Porter, Thos. A	96	25, 25	Mar. 9
Pierson, Richd. R	139	9, 14	Apr. 1
Platt, Wm. A	†165	1, 1	Apr. 17
Peters, C. G. F	†172	1, 1	Apr. 21
Purcell, Alexr	180	1, 14	Apr. 24
Porter, Wm	181	4, 11	Do.
Pendergast, James W	184	5, 10	Apr. 26
Parsons, Charles B	216	3, 9	May 17
Polhamus, A. A	226	—, 20	May 24
Perry, John V. B	245	10, 17	June 3
Peacock, Lewis	275	5, 9	June 26
Patterson, Frank W	317	8, 10	July 27
Phillips, Wm. A	383	15, 15	Sept. 17
Pearce, Wm	404	20, 26	Oct. 16
Packwood, Wm	424	11, 16	Oct. 28
Poole, Charles W	476	—, 8	Nov. 29
Peverly, Robert	533	2, 2	Dec. 28
Quigley, Thos. J	29	14, 20	Jan. 21
Quarnstrom, Karl	†151	1, 1	Apr. 9
Quinlan, James H	258	4, 11	June 14
Reid, David	4	16, 22	Jan. 4
Roberts, Henry D	5	9, 12	Do.
Russell, James	72	2, 8	Feb. 24
Robinson, Richd. G	76	17, 22	Feb. 26
Redmond, Saml	85	10, 16	Mar. 5
Rossitor, Paul	109	22, 22	Mar. 19
Reynolds, Michael	121	17, 21	Mar. 25
Richardson, Robt	164	12, 12	Apr. 17
Ruffner, E. C	189	1, 18	Apr. 30
Reed, James	306	13, 31	July 19
Richards, James S	369	14, 20	Aug. 27
Raphael, Jas. G	439	9, 14	Nov. 5
Robinson, Jos. H	453	8, 12	Nov. 13
Raymond, Henry	485	6, 11	Dec. 6
Regan, James	538	8, 16	Dec. 29
Shepherd, Alfd	8	27, 32	Jan. 5
Schneider, Hubert	9	4, 9	Jan. 6
Schmith, George	20	—, 11	Jan. 15
Strow, Julius C	31	6, 9	Jan. 25
Sutherland, James	32	4, 6	Do.
Scandrett, Alfd. J	35	6, 10	Jan. 27
Stahl, Rudolph H., jr	87	1, 10	Mar. 5
Smith, Peter E	90	—, 15	Mar. 8
Sullivan, Jno. D	100	12, 16	Mar. 12
Stewart, John, jr	†123	1, 1	Mar. 25
Spencer, Thos. W	130	5, 11	Mar. 30
Simpson, Henry R	185	3, 3	Apr. 27
Sawdon, Thos. T	190	3, 11	Apr. 30
Sullivan, John J	233	—, 8	May 26
Sampson, Ernest	256	—, 16	June 12
Shannon, W. H	285	—, 16	July 3
Stevenson, John	295	17, 24	July 10
Seavey, John J	303	10, 18	July 17
Smith, Axel	315	15, 25	July 26
Steen, Tharald	333	2, 9	Aug. 4
Snyder, Chas. W	365	—, 20	Aug. 25
Shepard, Fredk. F	395	7, 13	Oct. 1
Smiley, Fred	415	15, 24	Oct. 23
Schoppe, C. S. W. A	435	5, 10	Nov. 5
Sellander, Fred	441	16, 25	Nov. 6
Sullivan, Thos. J	450	1, 8	Nov. 11
Smith, Joseph H	465	16, 22	Nov. 24
Selfridge, Thos. A	480	10, 10	Dec. 1
Schnetter, Paul	491	7, 14	Dec. 8
Stewart, Thos. G	506	5, 12	Dec. 14
Salmon, Thomas	508	2, 6	Dec. 15
Scott, George	512	—, 36	Dec. 16
Talman, E. W	7	—, 27	Jan. 5
Tomlin, Richard E	28	—, 15	Jan. 20

* Number of issue of current grade and the number of issues of all grades. † Gasoline.

Engineers licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (ocean)—Continued.			
Thompson, Harvey K	54	—, 15	Feb. 8
Townsend, Wm. A	91	6, 11	Mar. 8
Tabrett, Henry C	141	2, 2	Apr. 2
Thiron, Henry L	195	—, 18	May 3
Tuckey, Alfred L	† 211	1, 1	May 14
Talbot, Joseph	† 214	1, 1	May 15
True, Charles S	250	13, 13	June 9
Turkington, R. R	262	9, 14	June 17
Tucker, Edwin W	345	17, 19	Aug. 12
Thompson, Charles	445	4, 22	Nov. 8
Tracey, Charles H	493	4, 13	Dec. 8
Urbanek, Jno. P	235	—, 11	May 28
Venable, Joseph	88	8, 14	Mar. 6
Van Duzer, Oliver	353	—, 34	Aug. 19
Wolters, Henry J	22	8, 12	Jan. 16
Williams, Alfd. E	23	10, 16	Do.
Wolfe, Edward	41	11, 18	Jan. 30
Woods, Edward P	44	13, 23	Do.
Walton, Wm. G	60	5, 14	Feb. 13
Wall, Axel C	63	3, 8	Feb. 18
White, Wm. W	64	—, 11	Do.
Wiggins, Wm. H	103	24, 31	Mar. 13
Whitaker, John	188	—, 29	Apr. 28
Waltenbaugh, Geo. W	† 222	1, 1	May 22
Wosser, Richd. S	278	5, 9	June 29
Woods, Joseph	291	4, 9	July 8
Way, George W	307	—, 15	July 19
Watson, John W	321	9, 9	July 30
Williams, Thos. A	328	4, 8	Aug. 2
Wood, Irving W	337	11, 17	Aug. 5
Wallace, Henry W	340	9, 13	Aug. 6
Warin, William	358	5, 14	Aug. 21
Wolters, John B	364	1, 6	Aug. 24
Williams, Morgan W	390	19, 26	Sept. 28
Wallace, Charles	412	5, 10	Oct. 20
Wynn, John E	443	8, 13	Nov. 8
Winning, Ed. S	502	—, 32	Dec. 14
Witherby, Charles S	529	5, 10	Dec. 24
Young, George	171	—, 11	Apr. 21
Young, Andrew	318	13, 21	July 28
Young, Wm	326	10, 13	July 31
Chief engineers (inland).			
Andrews, John	50	7, 10	Feb. 5
Aldrich, Wm. H	70	—, 14	Feb. 23
Andrade, Joseph S	73	7, 10	Feb. 26
Anderson, Thos	102	15, 23	Mar. 13
Anderson, Ole	108	10, 16	Mar. 19
Anderson, Henry J	173	12, 20	Apr. 22
Anderson, Andrew F	408	7, 10	Oct. 19
Brown, Justus	16	24, 26	Jan. 11
Berry, Michael	53	13, 16	Feb. 5
Baldwin, Calvin P	69	19, 21	Feb. 23
Beade, Joseph H	75	16, 17	Feb. 26
Bauman, Henry	97	1, 6	Mar. 10
Buhr, Paul	159	10, 13	Apr. 16
Brown, Charles	160	—, 17	Apr. 17
Bail, Emil F	192	3, 9	May 1
Babue, John T	242	3, 8	June 1
Barber, Wm. K	260	9, 12	June 14
Barron, James G	274	10, 13	June 25
Bliss, D. L., jr	277	2, 2	June 28
Boyd, Geo. W	297	3, 10	July 15
Byler, Tyre A	311	24, 24	July 23
Bonner, John	330	—, 11	Aug. 2
Binder, William	418	8, 12	Oct. 26
Brassil, Thomas	457	3, 8	Nov. 16
Byram, Frank B	470	5, 6	Nov. 29
Case, James F	6	—, 12	Jan. 5
Cummings, E. F	27	—, 14	Jan. 19
Cosgrove, John	80	28, 30	Feb. 27
Cross, Thos. E	98	11, 16	Mar. 11
Cochran, John H	† 200	1, 1	May 6
Conner, Daniel	208	—, 19	May 12
Campbell, Robt. J	212	6, 10	May 14
Chief engineers (inland)—Continued.			
Camp, James G	255	7, 13	June 11
Carlin, Wm. J	257	12, 16	June 12
Conway, Patrick	290	18, 26	July 9
Curley, John J	292	—, 16	July 23
Carlson, John	336	16, 24	Aug. 5
Crawford, Thos	344	19, 22	Aug. 11
Carroll, George C	378	—, 23	Sept. 4
Comstock, H. O	386	2, 4	Sept. 22
Cunningham, Henry	402	10, 18	Oct. 15
Condon, Michael	527	3, 9	Dec. 23
Duperu, Wm. A	62	19, 22	Feb. 17
Deveraux, Wm. J	84	2, 5	Mar. 5
Don, Robert	359	15, 20	Aug. 21
Dobson, Adalbert	384	—, 19	Sept. 20
Douglass, Wm. H	494	1, 8	Dec. 8
Damon, M. N	499	9, 12	Dec. 11
Donovan, Patk	518	21, 23	Dec. 17
Ellsworth, Jno. C	349	—, 14	Aug. 17
Elliott, E. M	380	5, 6	Sept. 13
Fimbreath, Frank	110	12, 14	Mar. 19
Flood, Alvah H	137	20, 26	Apr. 1
Fawcett, John A	343	24, 24	Aug. 10
Foley, Wm. J	388	1, 5	Sept. 25
Fickus, P. J	482	5, 10	Dec. 2
Grippin, Joseph	12	—, 22	Jan. 8
Goff, Henry F	83	11, 22	Mar. 3
Green, John A	115	8, 14	Mar. 22
Gomez, Robert	143	1, 4	Apr. 2
Goff, Jacob T	155	—, 15	Apr. 13
Gunn, Fergus	239	14, 21	May 29
Grubb, C. W	341	5, 5	Aug. 9
Grace, David	354	12, 16	Aug. 19
Gonzales, Ambrose	360	6, 10	Aug. 23
Gorman, Denis	401	19, 23	Oct. 14
Hanell, Wm	3	1, 11	Jan. 4
Harvey, Ben. F	25	—, 20	Jan. 18
Henry, Watson H	49	19, 22	Feb. 4
Hughes, Humphrey	68	13, 17	Feb. 20
Henery, Saml	78	—, 30	Feb. 27
Harper, Alex. J	138	9, 12	Apr. 1
Hennequin, Aug	156	2, 7	Apr. 14
Humes, Edwd. W	157	—, 18	Do.
Hickens, John	169	7, 13	Apr. 20
Henery, Wm	174	18, 20	Apr. 22
Hawkins, Pit	193	2, 8	May 1
Hart, Samuel	206	4, 10	May 11
Honge, Hamilton	213	5, 11	May 14
Harrison, Thomas	263	19, 25	June 17
Hunt, George E. P	270	10, 10	June 22
Healey, Abraham	286	5, 8	July 3
Harvey, John W	366	11, 23	Aug. 25
Huckins, Wm	416	21, 22	Oct. 25
Halloran, Denis	462	14, 15	Nov. 22
Isom, James W	176	3, 9	Apr. 23
Johnstone, Harry E	205	3, 7	May 10
Johnson, Ezekiel T	513	—, 12	Dec. 16
Kay, Joseph	13	25, 28	Jan. 9
Keyer, John E	191	—, 25	May 1
Keen, Wm. A	209	1, 5	May 13
Kerr, John	334	10, 15	Aug. 5
King, Dennis	368	18, 22	Aug. 27
Leadbetter, Robert	18	9, 11	Jan. 11
Lawler, Wilson	21	—, 25	Jan. 16
Long, Alvin	86	11, 17	Mar. 5
Larsen, Christian	161	19, 23	Apr. 17
Le Ballister, A. E	300	4, —	July 16
Lamb, Willis	455	12, 19	Nov. 15
Linden, David S	521	6, 11	Dec. 18
Morris, Geo. W	74	5, 5	Feb. 26
Magnusen, Frank	147	4, 7	Apr. 6
McGuy, Frank	198	1, 5	May 5
McNeill, Charles A	† 201	1, 1	May 7
McGowen, John	238	1, 6	May 28
Muzzy, H. S	243	—, 36	June 1
McDonald, John	268	—, 23	June 22
Miller, David N	299	—, 8	July 16
McComb, Ed	350	17, 20	Aug. 18

* Number of issue of current grade and the number of issues of all grades. † Gasoline.

Engineers licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (inland)—Continued.			
Mahoney, Edwd	352	7, 11	Aug. 19
Miller, Joseph	363	3, 7	Aug. 24
Menish, Joseph	381	15, 15	Sept. 17
McDowell, Thos	406	13, 13	Oct. 16
Mocine, Jno. C	437	5, 5	Nov. 5
Mibach, Henry J	456	10, 13	Nov. 16
Murray, Rhody	489	2, 7	Dec. 6
McClain, John	490	15, 18	Do.
Myers, Michael H	495	27, 29	Dec. 7
May, Fulton H	503	4, 23	Dec. 19
McDowell, Wm. J	520	13, 17	Dec. 14
Myers, Russell A	374	21, 22	Aug. 30
Nelson, Wm. D	39	13, 16	Jan. 28
O'Dell, Isaac	168	10, 15	Apr. 20
Pitts, George W	129	6, 9	Mar. 30
Parker, John B	266	9, 11	June 21
Pitts, Wash. R	281	—, 34	July 2
Peterson, Henry D	289	—, 19	July 7
Pepper, Albert H	310	4, 7	July 21
Persons, Louis	367	7, 13	Aug. 26
Persons, Thomas O	447	6, 16	Nov. 11
Parritt, Alvin S	448	—, 8	Do.
Pendleton, C. L	492	8, 11	Dec. 8
Pepper, Hart D	501	—, 12	Dec. 13
Roland, Geo. L	234	—, 31	May 27
Rodgers, Charles A	244	—, 11	June 2
Rush, Charles A	264	4, 6	June 17
Rose, Ben. V	372	—, 10	Aug. 28
Rogers, Henry	446	6, 6	Nov. 11
Savage, Patrick	15	16, 18	Jan. 9
Sampson, Charles	30	24, 26	Jan. 23
Stevens, Alexr	37	1, 1	Jan. 27
Stanley, Ira N	46	8, 11	Feb. 2
Stevens, John	104	—, 17	Mar. 15
Scott, Walter	177	16, 23	Apr. 23
Springsteen, Ben. F	217	—, 37	May 18
Sevan, Geo. J	221	2, 7	May 21
Small, Fredk. A	224	7, 12	May 22
Stull, John F	327	1, 6	Aug. 2
Skinner, Frank G	420	15, 19	Oct. 26
Sullivan, James	460	—, 13	Nov. 22
Snyder, John H	500	8, 8	Dec. 11
Swendsen, S. A	540	7, 11	Dec. 31
Terry, C. H	26	—, 27	Jan. 18
Todman, Moses H	65	6, 11	Feb. 18
Tennant, Richd. J	77	—, 6	Feb. 26
Tindall, Geo. G	199	8, 13	May 6
Thurston, Saml. D	342	—, 11	Aug. 10
Thayer, James E	348	7, 10	Aug. 16
Turpin, R. W	409	2, 9	Oct. 19
Traynor, John	477	3, 11	Nov. 30
Teggart, John	483	3, 7	Dec. 4
Taylor, Wm	509	8, 12	Dec. 15
Thompson, Wm	526	8, 14	Dec. 23
Wosser, Thos. J	67	8, 12	Feb. 20
Willey, Marshall C	223	18, 19	May 22
Wiseman, John A	236	11, 16	May 28
Wosser, John J	271	9, 12	June 22
Whyerr, John H	313	3, 17	July 23
Wallace, John F	320	1, 3	July 28
Wilson, James D	419	—, 16	Oct. 26
Wilson, John E	426	11, 14	Oct. 30
Wilson, James T	432	7, 14	Nov. 5
Wheeler, Bert	461	4, 9	Nov. 22
Wheat, Joseph W	498	1, 6	Dec. 10
Young, Charles E	79	20, 21	Feb. 27
Young, Charles J	207	—, 13	May 11
Zimmerman, C. W	11	25, 26	Jan. 8
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Ahlin, Andrew	† 82	1, 1	Mar. 25
Anderson, Niels	† 83	1, 1	Mar. 26
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Ahlin, Nils E	† 150	1, 1	June 15
Bliss, C. T	6	2, 6	July 13
Baker, Wm. L	10	1, 10	July 28
Carlsen, John	105	2, 10	Apr. 12
Clark, A. W	123	2, 13	May 10
Chubbuck, Frank	170	2, 2	July 2
Davis, Henry	267	2, 5	Oct. 23
Griffin, John H	214	2, 15	Aug. 9
Hesse, Diedrich	167	2, 8	June 29
Hunkin, Edward	212	2, 6	Aug. 7
Johnson, Axel E	137	2, 5	May 25
Larco, Andrew R	† 144	1, 1	June 4
Larson, Emil L	† 157	1, 1	June 22
Murphy, Wm. F	† 76	1, 1	Mar. 18
Markwell, Alonzo J	† 87	1, 1	Mar. 27
Mikkelsen, Hans L	† 93	1, 1	Apr. 2
Nelson, Nels P	† 84	1, 1	Mar. 26
Power, Thomas	284	2, 7	Nov. 19
Roberts, John	292	1, 3	Dec. 1
Sumpter, Andw. J	199	2, 3	July 27
Walker, Henry	91	1, 5	Mar. 30
Wilson, Charles	155	2, 2	June 21
Wetsell, Geo. W	156	1, 12	June 22
Wilkinson, F. C	175	2, 11	July 9
Wentworth, Frank	208	2, 3	Aug. 5
First assistant engineers (ocean).			
Anderson, Alexander	7	1, 2	Jan. 6
Alison, Rufus B	36	9, 12	Jan. 26
Armstrong, Howard R	50	3, 5	Feb. 11
Archer, James	265	2, 7	Oct. 18
Agnew, Hugh	A29046	12, 15	Dec. 10
Brown, Phillip T	62	—, 7	Feb. 24
Bird, John C	67	1, 5	Mar. 3
Blundell, Walter	97	5, 8	Apr. 7
Boden, Henry E	142	1, 6	June 2
Baker, Joseph	178	1, 3	July 10
Bain, Wm. A	224	2, 6	Aug. 18
Bromley, Walter H	251	8, 11	Sept. 29
Beede, S. McD	293	3, 5	Dec. 2
Carrick, John C	49	1, 5	Feb. 9
Claussen, Gus. F	146	6, 9	June 11
Cooper, Arthur W	187	1, 7	July 14
Curran, Dan. J	218	1, 3	Aug. 11
Carnie, Geo. W	243	2, 9	Sept. 15
Cowan, Hugh	246	2, 7	Sept. 20
Condrin, James T	271	4, 12	Nov. 1
Costello, Robert	A29054	1, 8	Dec. 23
Cruden, George	A29059	10, 10	Dec. 27
Derrick, Louis M	2	4, 8	Jan. 2
Drew, Thomas	103	13, 16	Apr. 12
Durham, Chas. H	128	5, 9	May 15
Dalton, Wm. H	134	1, 4	May 24
Dunleavy, Wm. O	191	1, 4	July 16
Dill, John W	282	1, 5	Nov. 9
Dykeman, John J	A29051	2, 3	Dec. 18
Evans, John	227	—, 15	Aug. 19
Erskine, Andrew N	286	1, 1	Nov. 24
Fitzpatrick, John	4	1, 6	Jan. 5
Flanagan, James	A29057	1, 7	Dec. 27
Getliffe, Fred. C	34	3, 7	Jan. 25
Green, John	229	6, 27	Aug. 26
Grant, Robert	248	3, 6	Sept. 22
Garratt, Joseph W	262	9, 13	Oct. 14
Handley, James E	107	2, 5	Apr. 13
Hansson, Rudolph	136	11, 15	May 25
Horgan, Cornelius	203	1, 5	July 31
Hughes, James S	221	8, 10	Aug. 17
Huson, Charles L	236	2, 5	Sept. 3
Haldkiar, James	255	4, 10	Oct. 7
Hall, Basil	280	3, 3	Nov. 8
Jerome, Arthur E	11	3, 6	Jan. 9
James, Frank V	149	3, 8	June 14
Jessen, Lorenzo	† 206	1, 1	Aug. 5

* Number of issue of current grade and the number of issues of all grades. † Gasoline.

Engineers licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
First assistant engineers (ocean)—Cont'd.			
Koen, Charles J	74	3, 9	Mar. 17
Kuhn, John F	133	5, 8	May 21
Knox, Wm	258	1, 4	Oct. 11
Kramer, Francis M	A29048	2, 5	Dec. 16
Lane, Wm. F	3	2, 10	Jan. 5
Larson, John M	9	3, 7	Jan. 7
Long, John H	148	2, 6	June 12
Murphy, Edward	13	—, 7	Jan. 12
Morse, George L	20	2, 8	Jan. 16
Maher, James C	55	6, 13	Feb. 15
McNally, John	63	—, 14	Feb. 25
McQuade, Edward	65	3, 7	Feb. 26
McDonald, Edwd. G	94	—, 9	Apr. 3
Murphy, Joseph	181	—, 8	July 13
Mihan, Patrick F	184	1, 6	Do.
Murphy, Henry	231	6, 9	Aug. 30
McDermott, John	233	1, 5	Aug. 31
Murray, Richard J	273	6, 17	Nov. 1
Martin, Cornelius L	A29053	1, 10	Dec. 21
Nicol, Wm. S	121	2, 5	May 8
O'Hara, Charles	78	1, 13	Mar. 20
Putzar, Edwd. L	79	4, 8	Mar. 22
Petersen, G. H. C	132	3, 8	May 21
Quinn, George W	42	1, 4	Jan. 30
Riordan, Patrick J	60	7, 10	Feb. 23
Reed, J. Albert	272	2, 7	Nov. 1
Rice, Charles A	A29063	3, 9	Dec. 30
Smith, James W	22	3, 12	Jan. 20
Stackhouse, Charles	58	11, 14	Feb. 18
Shanahan, D	88	1, 7	Mar. 29
Spencer, R. B	159	12, 15	June 23
Slattery, Wm. J	160	2, 4	June 24
Steel, Thomas W	176	1, 4	July 9
Sperry, Chas. C	† 209	1, 1	Aug. 6
Sullivan, W. D. E	278	1, 5	Nov. 25
Scott, George F	287	1, 5	Nov. 26
Spencer, James M	285	2, 5	Nov. 22
Treacy, Thomas	85	7, 10	Mar. 27
Thorn, Saml. W	225	2, 5	Aug. 19
Venker, Harry H	5	5, 9	Jan. 6
Vivian, Charles	45	5, 5	Feb. 9
Wooten, Henry G	1	4, 8	Jan. 2
Wilkinson, Richd. E	256	—, 9	Oct. 8
Young, Thomas J	38	3, 5	Jan. 27
Second assistant engineers (ocean).			
Armes, George A	219	1, 2	Aug. 13
Bermingham, John, jr	75	1, 2	Mar. 18
Brady, Thomas H	168	2, 4	June 30
Burtschell, Wm	263	8, 11	Oct. 14
Cleary, Thos	16	7, 8	Jan. 16
Clements, Jno. F	25	4, 6	Jan. 22
Corcoran, Jno. J	28	10, 12	Jan. 23
Campbell, H. F	254	7, 9	Oct. 4
Cousins, Richard J	A29055	4, 11	Dec. 23
Debney, Alfd. W	41	1, 2	Jan. 28
Everett, Edwd. V	92	7, 9	Mar. 31
Fitzimmons, James C	110	5, 7	Apr. 22
Floud, J. W. R	247	8, 9	Sep. 21
Flynn, John T	294	1, 2	Dec. 3
Graham, Wm	15	1, 2	Jan. 15
Gutierrez, Edw. S	35	—, 6	Jan. 25
Hayes, Harry B	43	1, 4	Jan. 29
Hannan, John	66	5, 7	Mar. 1
Hayward, Harry F	147	2, 5	June 12
Harvey, Norval P	226	1, 3	Aug. 19
Holtzman, Irv. K	249	4, 6	Sept. 23
Hennig, John	268	2, 4	Oct. 26
Harvel, George A	283	1, 6	Nov. 13
Jones, Wm. V	6	1, 4	Jan. 6
Jacobowitz, Sig	A29047	5, 6	Dec. 15
Kennedy, Thomas	80	1, 2	Mar. 24
Kirk, James	54	7, 8	Feb. 15
Kinsey, Frank J	104	8, 9	Apr. 12
Little, Joseph M	31	6, 10	Jan. 25
Second assistant engineers (ocean)—Cont'd.			
Lennox, Frank W	241	8, 8	Sept. 13
Lafferty, Wm. B	277	2, 6	Nov. 5
McCabe, Richd. A	152	1, 2	June 17
McDonald, Chas. G	183	1, 2	July 13
McArdle, Peter	197	14, 15	July 26
Nairn, John	27	2, 5	Jan. 23
O'Connor, James F	290	4, 7	Nov. 29
Powell, John M	37	3, 5	Jan. 27
Potter, Ben F	77	1, 4	Mar. 19
Plumb, Amasa C	145	1, 2	June 8
Poole, Abraham R	A29061	11, 16	Dec. 30
Rafter, Wm	14	—, 7	Jan. 12
Reid, Andrew	138	2, 4	May 25
Regan, Jeremiah	190	1, 4	July 16
Short, Miles	40	1, 15	Jan. 28
Smith, Edgar E	44	3, 3	Feb. 2
Stark, Archibald	99	—, 6	Apr. 9
Seryanivich, Frank	232	1, 2	Aug. 31
Stevenson, Thos	238	9, 11	Sep. 10
Smith, Charles A	297	1, 3	Dec. 6
Wall, Charles J	32	2, 7	Jan. 25
Wesner, Louis C	33	10, 12	Do.
Waterman, Edwd. H	89	2, 5	Mar. 29
Warner, Josiah B	140	5, 11	May 26
Winkler, Henry C	186	1, 3	July 14
Walker, Wm	288	1, 2	Nov. 26
Third assistant engineers (ocean).			
Anderson, Peter	200	10, 10	July 28
Anderson, George	275	1, 1	Nov. 3
Anderson, Martin	73	1, 1	Mar. 15
Bone, John C	19	3, 3	Jan. 16
Bone, Mark F	26	2, 2	Jan. 23
Byrnes, George	53	10, 10	Feb. 12
Brown, George E	122	1, 1	May 8
Bailey, Charles M	143	7, 7	June 3
Buchanan, James C	151	3, 3	June 17
Berg, Gustaf	162	2, 2	June 25
Beveridge, Wm. O	192	1, 1	July 16
Brewer, Fred A	194	1, 1	July 20
Brady, Edward	237	6, 6	Sept. 8
Barry, Ralph E	253	1, 1	Oct. 4
Bromley, Geo. S	276	1, 1	Nov. 4
Clark, Geo. H	39	1, 1	Jan. 28
Carson, Charles, jr	48	1, 1	Feb. 9
Carroll, Thos. H	213	1, 1	Aug. 9
Cunningham, M. C	228	2, 2	Aug. 25
Conner, Daniel	257	18, 18	Oct. 11
Cronan, W. M	260	2, 2	Oct. 12
Dahl, Charles W	17	6, 6	Jan. 16
Denmark, Rufus H	51	2, 2	Feb. 11
Dunham, Azariah	61	3, 3	Feb. 23
Drennon, Geo. W	127	4, 4	May 14
Dougherty, George	141	2, 2	May 28
Daggett, Harry M	180	3, 3	July 12
Evans, Alfred J	12	8, 8	Jan. 11
Evans, Ernest	52	1, 1	Feb. 11
Emberton, Thomas	185	5, 5	July 14
Efford, Robt. J	244	1, 1	Sept. 15
Growney, George	204	1, 1	July 31
Gray, Michael	269	1, 1	Oct. 26
Grundell, Richd. M	281	6, 6	Nov. 9
Haughton, John W	47	1, 1	Feb. 9
Harrington, William	108	2, 2	Apr. 19
Hackett, James	161	8, 8	June 25
Hough, Ernest	173	1, 1	July 6
Holtz, Richard	270	1, 1	Oct. 27
Irvine, Charles	242	1, 1	Sept. 15
Jacobsen, James R	A29056	7, 7	Dec. 27
Killgore, Edwin R	102	1, 1	Apr. 12
Kenney, Geo. W	220	1, 1	Aug. 16
Lawlor, Dan. M	130	4, 4	May 20
Lochhead, John	289	12, 12	Nov. 27
McKenna, Jos. D	174	1, 1	July 8
Moller, Henry	188	2, 2	July 15

* Number of issue of current grade and the number of issues of all grades. † Gasoline.

Engineers licensed—San Francisco, Cal.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Third assistant engineers (ocean)—Cont'd.			
McDonnell, Thomas	217	6, 6	Aug. 11
McKinnon, M. A	A29049	1, 1	Dec. 17
Nation, John	202	7, 7	July 31
Nicol, Alexander	298	1, 1	Dec. 6
O'Meara, Michael	118	7, 7	May 5
Panetto, Fred	30	7, 7	Jan. 25
Poulson, John N	71	1, 1	Mar. 8
Patterson, Elmer L	70	1, 1	Mar. 6
Putzar, Frank	86	2, 2	Mar. 27
Padgett, Wm. T	125	1, 1	May 10
Purdie, John S	165	2, 2	June 28
Reed, Lon. J	24	2, 2	Jan. 22
Ruffner, Clarence	46	7, 7	Feb. 9
Rogers, Frank N	115	1, 1	Apr. 28
Ryan, John M	163	2, 2	June 26
Richardson, Charles	196	13, 13	July 26
Robinson, Richd. G., jr	223	2, 2	Aug. 18
Reed, Chester C	A29062	2, 2	Dec. 30
Steen, Emil	90	1, 1	Mar. 30
Smith, Edgar C	113	1, 1	Apr. 24
Sullivan, James F	129	2, 2	May 15
Smith, Isaac H., jr	210	4, 4	Aug. 7
Shipman, Stephen A	291	2, 2	Sept. 29
Sellander, Henry	300	1, 1	Dec. 8
Stott, Joseph H	A29058	1, 1	Dec. 27
Swain, Elliott W	A29060	5, 5	Dec. 28
Tiernan, Charles T	239	2, 2	Sept. 1
Wardell, Arthur P	172	1, 1	July 2
Ward, James	240	2, 2	Sept. 11
Warner, Frederick	266	1, 1	Oct. 19
Winslow, Edwd. N	299	2, 2	Dec. 8
First assistant engineers (inland).			
Andrews, Geo. F	72	4, 6	Mar. 15
Anderson, John	193	5, 6	July 17
Algren, Wm. W	245	1, 1	Sept. 16
Brown, Jacob	29	1, 1	Jan. 23
Balkwill, Harry J	68	1, 1	Mar. 5
Bradeu, Henry	195	4, 4	July 20
Brown, Francis	264	1, 1	Oct. 16
Christensen, Martin	18	2, 2	Jan. 16
Cook, Wm. F	117	2, 2	May 4
Callaghan, Thos	153	4, 4	June 17
Corson, Geo. H	154	2, 6	June 21
Driscoll, Dan F	259	2, 2	Oct. 12
Doane, O. K	295	4, 13	Dec. 4
Ennor, Langford	112	3, 3	Apr. 24
Ely, Geo. S. B., jr	189	1, 1	July 16
Fitzgerald, Geo. R	95	2, 2	Apr. 5
Fick, John H	198	4, 8	July 27
Farley, Edward	230	12, 14	Aug. 28
Gans, Martin E	177	3, 3	July 9
Hyde, Joseph H	56	3, 6	Feb. 17
Havin, Wm. C	57	—, 6	Do.
Huber, Frank	69	9, 12	Mar. 5
Hardy, Edwin B	96	4, 5	Apr. 6
Hamon, Thos. H	106	4, 4	Apr. 12
First assistant engineers (inland)—Cont'd.			
Horton, Leander	169	11, 14	July 1
Hanson, Hakon	252	5, 5	Oct. 4
Jackson, Frank	109	—, 9	Apr. 22
Kiley, Matt	A29045	1, 1	Dec. 9
Kane, James C	126	2, 2	May 11
Long, John M	235	6, 11	Sept. 3
Lowe, John	23	11, 13	Jan. 21
McCluskey, Henry	8	8, 12	Jan. 6
Murphy, Thomas	10	10, 23	Jan. 19
McDonald, Fred A	59	5, 7	Feb. 18
McDonald, Austin	124	9, 9	May 10
Maynard, Ernest	139	1, 2	May 26
McKinnon, John W	158	5, 5	June 23
Murray, John J	179	4, 4	July 12
Matlean, John H	211	4, 4	Aug. 7
McDermott, Thos	296	12, 18	Dec. 4
Nash, James	120	—, 7	May 7
Nessen, Jes. B	A29050	5, 8	Dec. 18
Osman, Wm. C	135	3, 3	May 24
Olsen, Charles	207	3, 3	Aug. 5
Putzar, Louis	116	10, 10	May 4
Pierce, Franklin	131	7, 7	May 20
Parrish, Henry C	279	5, 6	Nov. 8
Reitz, Ben F	100	—, 12	Apr. 10
Regan, John	111	1, 2	Apr. 23
Rowe, George	215	3, 6	Aug. 11
Rooney, Joseph	222	3, 7	Aug. 17
Roberts, William	234	5, 6	Sept. 1
Sampson, Arthur	98	2, 2	Apr. 8
Swisher, L. M	164	4, 6	June 26
Stahl, Michael J	166	4, 7	June 29
Stone, George W	A29052	—, 9	Dec. 20
Todd, Jefferson	114	1, 1	Apr. 24
Tuckey, Bertram	205	3, 3	Aug. 4
Tahaney, Patrick	274	5, 7	Nov. 2
Thompson, G. H	81	4, 4	Mar. 25
Vaughn, Richard	21	4, 4	Jan. 19
Williams, Ernest C	101	5, 5	Apr. 10
Werness, Axel C	119	4, 4	May 6
Woods, Enos	182	10, 10	July 13
West, Wm. E	250	1, 1	Sept. 29
Yates, Wm. H	171	12, 18	July 2
Young, James	261	1, 1	Oct. 12
Third assistant engineer (inland).			
Harris, Marshall C	64	5, 5	Feb. 25
Special engineers.			
Bigger, James M	1	7, 7	Jan. 7
Bridges, Jos. A	5	1, 1	July 13
Brandt, C. H. W	7	5, 5	Nov. 26
Bradley, Hiram T	2	1, 1	Feb. 15
Escola, Edwd. E	6	1, 1	Aug. 3
Farquhar, John	3	1, 1	Mar. 5
Lohry, Edwd. M	4	6, 6	June 11

LOCAL DISTRICT OF PORTLAND, OREG.

Master licensed during the year ended December 31, 1897—Portland, Oreg.

Name.	No. of license.	No. of issue.*	Date of issue.
Frazer, F. E	1011	1	June 9

Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed during the year ended December 31, 1897—Portland, Oreg.

Name.	No. of license.	No. of issue.*	Date of issue.
Ahues, C. E	963	1, 7	Mar. 22
Adams, Geo. W	1020	15, —	June 21
Alden, C. M	1026	1, 6	July 2
Allyn, Julius	1044	10, 13	July 26
Butler, C. H	919	23, —	Jan. 22
Brunger, D. G	944	6, 6	Feb. 19
Boelling, V	961	14, 14	Mar. 22
Brock, E. D	970	22, —	Apr. 7
Baughman, E. W	973	26, —	Apr. 14
Burgy, Joseph	984	18, 18	May 6
Brown, J. W	985	18, 18	Do.
Bureau, Chas	995	16, 16	May 22
Bell, Miles	1002	22, —	May 27
Baughman, H. C	1005	9, 11	June 5
Braun, J. A	1012	2, 5	June 11
Byrne, P. J	1030	1, 3	July 3
Bailey, L. A	1051	22, —	July 31
Buchanan, W. S	1063	24, —	Aug. 9
Brock, R. M. C	1074	19, —	Sept. 3
Betts, W. A	1079	13, —	Sept. 16
Blanchard, Dean	1089	16, —	Oct. 1
Burrows, H. D	1097	12, 13	Oct. 26
Beard, A. E	1114	16, —	Nov. 24
Babbidge, J. W	1120	27, —	Dec. 1
Bonser, J. H	1128	—, 18	Dec. 13
Copeland, J. E	903	1, 4	Jan. 4
Church, J. O	910	2, 8	Jan. 9
Campbell, Thos	911	10, 12	Jan. 12
Coulter, J. P	924	20, —	Jan. 25
Copley, Robt	927	14, —	Jan. 26
Cornwall, N. J	955	16, —	Mar. 13
Colson, Samuel	960	12, 15	Mar. 18
Church, A. H	964	22, —	Mar. 22
Campbell, C	990	19, —	May 15
Coe, H. C	1009	17, —	June 8
Crang, T. H	1016	16, —	June 17
Caples, Hez	1045	12, —	July 26
Cox, James	1066	12, —	Aug. 16
Campbell, J. E	1116	16, —	Nov. 24
Crim, P. H	1133	15, —	Dec. 15
Delude, Nelson	912	3, 9	Jan. 14
Dodge, Freeman	920	10, 10	Jan. 22
Doig, Thos	925	10, —	Jan. 26
Dunham, R. J	951	3, 6	Mar. 1
Dillon, Wm	974	14, 14	Apr. 15
Day, J. H	991	11, —	May 18
Dobbins, D. W	1001	13, —	May 25
Davis, W. A	1023	10, —	June 25
Dubeck, Frank	1064	14, —	Aug. 10
Dunham, H. W	1118	16, —	Nov. 29
De Puy, H. S	1124	5, 6	Dec. 6
Ernst, Jacob	938	17, —	Feb. 6
Ewry, Geo. T	941	13, 13	Feb. 15
Edwards, C. E	997	14, —	May 22
Exon, J. W	1008	11, 11	June 7
Erickson, John	1014	13, 13	June 15
Evans, F. G	1061	10, —	Aug. 7
Empken, Henry	1071	24, —	Aug. 26
Elrod, W. F	1083	9, 9	Sept. 21
Fitch, F. E	932	6, 6	Jan. 29
Foster, W. H	948	15, —	Feb. 24
Fuller, C. H	967	19, —	Apr. 2
Fisher, J. N	1035	23, —	July 9
Frederick, Robt	1060	8, 8	Aug. 6
Ferchen, P. E	1091	13, 13	Oct. 4
Flavel, Geo. C	1102	21, —	Nov. 4
Fisher, A. C	1122	20, —	Dec. 3
Gregory, W. E	909	9, 10	Jan. 7
Gore, G. A	914	22, —	Jan. 18
Graham, A. W	928	10, 10	Jan. 27
Graham, J. M	929	11, 11	Do.
Gray, A. W	954	21, —	Mar. 4
Graham, J. C	956	1, 1	Mar. 15
Gray, J. H. D	957	14, —	Mar. 17
Gray, W. P	986	25, —	May 8
Graham, A. B	1015	12, 12	June 17
Graham, James	1048	4, 4	July 29
Groves, H. T	1065	9, 11	Aug. 11
Gunderson, C. S	1068	15, —	Aug. 18
Good, James	1073	14, 14	Sept. 2
Graham, J. N	1075	6, 6	Sept. 6
Geer, Archie	1077	10, 12	Sept. 7
Gates, A. W	1105	3, 9	Nov. 10
Gray, James T	1109	23, —	Nov. 15
Gordon, Alex	1112	1, 9	Nov. 16
Harriman, Cy	952	13, —	Mar. 2
Hadlock, Samuel	962	1, 7	Mar. 22
Hatch, H. L	968	5, 9	Apr. 5
Howes, R. E	987	16, —	May 11
Hobson, W. H	994	16, —	May 21
Hackett, M. A	1000	17, —	May 25
Hosford, O. W	1007	6, 9	June 5
Hosford, L. P	1013	4, 7	June 11
Hill, C. O	1036	14, —	July 19
Hall, J. T	1058	7, 9	Aug. 4
Harlow, F. C	1086	11, 12	Sept. 28
Hooghkirk, C. I	1095	10, 11	Oct. 20
Hill, Minnie	1106	10, 10	Nov. 15
Jones, F. B	936	18, —	Feb. 5
Johnson, Andrew	965	9, 11	Apr. 1
Jones, W. E	988	1, 3	May 12
Johnstone, W. J	989	9, 10	Do.
Johnson, E	1021	25, —	June 21
Jenks, N. F	1047	2, 2	July 28
Jaggy, John	1053	11, 12	Aug. 3
Johnson, Theodore	1078	5, —	Sept. 14
James, A. L	1099	10, 10	Oct. 28
Kindred, H. P	937	24, —	Feb. 6
Kelly, John	975	14, —	Apr. 16
Kruse, A. O	980	4, 7	Apr. 23
Kellogg, Orrin	982	19, —	Apr. 29
Kerr, James	1024	11, —	June 25
Kamm, C. T	1043	14, 14	July 23
Knaggs, L. C	1062	12, 12	Aug. 9
Kellogg, Joseph	1131	23, —	Dec. 14
Lewis, Chas	906	15, —	Jan. 6
Latham, Thos	907	15, —	Do.
Loomis, E. C	916	6, 7	Jan. 19
Lilp, M	958	6, 13	Mar. 17
Lightner, J. R	969	14, 14	Apr. 6
Lane, N. H	993	18, —	May 21
Loll, E	1028	1, 12	July 2
Lee, Alvah	1039	6, 6	July 20
Lewis, F. G	1052	9, 11	Aug. 2
Lakin, E. C	1057	19, —	Aug. 4
Lucas, F. M	1067	6, 6	Aug. 18
Larkins, W. E	1111	13, 15	Nov. 16
Leneve, Geo. W	1135	2, 12	Dec. 16
Masny, Edward	931	4, 4	Jan. 28
Miller, J. D	939	15, —	Feb. 8
Matthews, H. A	940	17, —	Feb. 12
McNulty, John	942	26, —	Feb. 17
Malcolm, Alex	949	9, —	Feb. 25
McFarlane, M. F	950	5, 7	Mar. 1
Miller, C. S	971	2, 2	Apr. 8
McNelly, G. F	996	2, 5	May 22
Morrisey, Roger	1006	3, 3	June 5
Morgan, M. G	1027	16, —	July 2
McCulloch, Hugh	1029	4, 8	Do.
McVicar, D. J	1055	17, —	Aug. 4
Martineau, M	1070	12, 12	Aug. 23
Mitchell, W. E	1084	14, —	Sept. 21
Magee, James	1087	26, —	Oct. 1
Malcolm, P. S	1113	3, —	Nov. 24
Mountain, Thos	1121	1, 7	Dec. 1
Neill, T. F	935	13, 14	Feb. 5
Neilson, J. E	1037	14, 16	July 20
Nelson, C	1092	1, 9	Oct. 13
Nesbitt, W. E	1115	7, 7	Nov. 24
Olney, Kane	1046	15, —	July 26
Peterson, John	918	9, 10	Jan. 22
Parker, E. P	946	15, —	Feb. 23
Pease, A. L	1004	21, —	June 2
Patterson, W. H	1018	13, 14	June 21
Pope, W. H	1022	15, 15	June 24
Parker, J	1041	9, —	July 20
Parker, Thomas	1076	16, —	Sept. 6
Pillsbury, A. B	1088	22, —	Oct. 1
Pease, Geo. A	1096	24, —	Oct. 23
Perry, V. N	1108	9, —	Nov. 15

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Portland, Oreg.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Rentz, John	901	14, 14	Jan. 2	Sass, Albert	1101	2, 10	Nov. 1
Rathbone, E. J	905	8, 8	Jan. 5	Sullivan, Edward	1117	13, 14	Nov. 29
Raabe, Geo	917	19, —	Jan. 21	Smith, Edward	1119	17, —	Dec. 1
Randall, S. B	922	23, —	Jan. 23	Shaver, J. W	1125	16, —	Dec. 8
Reeve, Harry	933	7, 7	Jan. 30	Smith, Josiah	1132	17, —	Dec. 15
Roberts, Daniel	976	18, —	Apr. 16	Stevens, B. F	1134	21, —	Dec. 16
Randles, Thos	1003	6, —	June 1	Trullinger, P A	953	11, 11	Mar. 4
Richardson, Chas	1040	12, 12	July 20	Troup, J. W	959	21, —	Mar. 17
Randall, John	1085	13, 15	Sept. 28	Tatton, James	979	14, —	Apr. 22
Robertson, James	1104	15, —	Nov. 8	Turner, F. B	1017	19, —	June 18
Reynolds, Geo. C	1123	10, 10	Dec. 6	Tell, J. H	1038	14, —	July 20
Roberts, Manly	1126	13, —	Dec. 9	Taylor, W. W	1056	13, 18	Aug. 4
Reed, Grenville	1130	22, —	Dec. 14	Turner, J. L	1093	14, —	Oct. 18
Short, W. P	902	11, 11	Jan. 2	Taylor, Geo. W	1136	16, —	Dec. 21
Staples, L. S	908	10, 19	Jan. 6	Van Auken, Henry	1127	13, 13	Dec. 9
Short, S. V	913	16, —	Jan. 18	Weir, W. G	904	17, —	Jan. 4
Spinner, Chas	926	15, —	Jan. 26	Walker, G. M	915	2, 10	Jan. 18
Seymour, G	943	11, —	Feb. 17	Wood, Geo. W	921	14, —	Jan. 22
Smith, J. H	945	2, 2	Feb. 23	Works, E. H	923	4, 6	Jan. 23
Smith, J. L	947	17, —	Feb. 24	Whitcomb, W. H	930	15, —	Jan. 28
Spencer, E. W	977	22, —	Apr. 17	Wood, Z. C	934	4, 9	Feb. 1
Spong, A. J	978	7, 9	Apr. 21	Weber, Henry	966	4, —	Apr. 2
Shaver, Delmer	983	5, 6	May 4	Whitcomb, W. P	972	23, —	Apr. 12
Snow, W. C	998	12, 16	May 24	Warren, W. E	981	5, 7	Apr. 26
Smith, Wm. H	1010	25, —	June 9	Wilson, C. E	999	7, —	May 25
Shaver, G. M	1019	11, 12	June 21	Wade, Henry	1032	10, 10	July 6
Scott, U. B	1025	16, —	July 1	Whitcomb, J. P	1033	16, —	Do.
Sanborn, I. B	1031	23, —	July 3	Wilson, Fred	1034	20, —	July 8
Sundman, John	1042	7, 11	July 23	Weir, C. W	1049	7, 7	July 29
Sherman, John	1054	16, —	Aug. 4	Waud, O. S	1050	19, —	July 30
Sanders, Chas	1059	1, 4	Aug. 6	White, Thos. D	1100	9, 9	Oct. 29
Schrader, Paul	1069	10, —	Aug. 19	Wilkinson, W. O	1103	11, —	Nov. 8
Stump, J. F	1072	22, —	Aug. 30	Welch, J. W	1107	12, 13	Nov. 15
Smith, Wm. E	1081	3, 6	Sept. 18	Wright, E. W	1110	10, 11	Do.
Stevens, Francis	1082	16, —	Sept. 20	Yeager, J. H	1080	12, 12	Sept. 17
Staples, M. D	1090	18, —	Oct. 4	Young, R. J	1129	11, 12	Dec. 13
Snyder, Levi	1094	13, 13	Oct. 19	Zumwalt, John	992	3, 10	May 19
Shaver, Lincoln	1098	12, 12	Oct. 28				

Mates licensed during the year ended December 31, 1897—Portland, Oreg.

Anderson, Peter	561	7, 7	Feb. 17	Johanson, Otto	593	9, 9	July 27
Allen, O. H	574	2, 2	Apr. 23	Leavelle, W. F	586	1, 1	June 21
Anderson, J. J	577	8, 8	May 12	McAuley, James	559	5, 5	Feb. 1
Beyer, Albert	551	4, 4	Jan. 2	Morgan, Chas	566	3, 3	Mar. 11
Brown, E. C	563	1, 1	Mar. 1	Morck, E. A	571	3, 3	Apr. 12
Blassing, Wm	589	2, 2	July 2	Morris, Juan	588	2, 2	June 25
Cunningham, S. W	554	2, 2	Jan. 14	McIntosh, A. W	594	3, 3	July 27
Cordiner, P. C	556	7, 7	Jan. 22	Malmquist, Frank	603	8, 8	Sept. 10
Carr, James	567	9, 9	Mar. 16	McNeill, A	605	8, 8	Sept. 19
Christopherson, Henry	618	2, 2	Dec. 20	Nelson, Chas	575	2, 2	Apr. 23
Dillinger, S	558	9, 9	Jan. 23	Olsen, Andrew	597	2, 2	Aug. 12
Dalton, E. E	584	4, 4	June 8	O'Brien, Henry	607	10, —	Sept. 27
Ducett, C. M	617	12, —	Dec. 8	Ongh, John	608	4, 4	Do.
Erickson, John	553	2, 2	Jan. 9	Popham, Thos	598	9, 9	Aug. 25
Elliott, Martin	573	4, 4	Apr. 19	Peterson, S. G	606	9, 9	Sept. 21
Ferguson, John	562	5, 5	Feb. 20	Raabe, Clyde	572	1, 1	Apr. 14
Frisk, C. E	610	7, 7	Oct. 4	Redmond, W. J	576	1, 1	May 12
Graham, Lloyd	555	8, 8	Jan. 18	Russell, W. H	609	3, 3	Oct. 1
Gandy, Frank	590	9, 9	July 15	Shannon, John	564	5, 5	Mar. 1
Gleason, Wm. J	613	4, 4	Oct. 23	Smith, J. L., jr	568	1, 1	Apr. 1
Holmes, L. S	560	12, —	Feb. 8	Scammon, S. H	599	5, 5	Aug. 30
Hoyt, E. C	569	5, 5	Apr. 1	Senn, Henry	600	8, 8	Sept. 6
Hammerstrom, A. E	570	8, 8	Apr. 5	Swenson, A. A	614	8, 8	Nov. 13
Hamilton, W. S	580	8, 8	May 15	Swenson, R	616	7, 7	Nov. 29
Hegdale, O. F	583	1, 1	June 5	Thompson, W. S	581	4, —	May 24
Hoover, J. L	596	7, 7	Aug. 9	Wickstrom, Chas	578	10, 10	May 12
Halfpapp, F. W	604	10, 10	Sept. 13	Wickstrom, I. G	582	1, 1	May 26
Hastorf, Chas	612	8, 8	Oct. 14	Whitehead, E. K	591	9, 9	July 19
Inman, W. E	592	8, 8	July 26	Winant, W. D	601	11, 11	Sept. 8
Johnson, J. A	565	7, 7	Mar. 1	Wilmot, Robt	611	9, 9	Oct. 8

* Number of issue of current grade and the number of issues of all grades.

Mates and pilots licensed during the year ended December 31, 1897—Portland, Oreg.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Barnum, A. C	552	5, 5	Jan. 2	Trapp, J. G	557	3, —	Jan. 22
Leary, John	587	15, —	June 24	Tackaberry, Edward	595	9, 9	Aug. 6
Larsen, Andrew	602	6, 6	Sept. 8	Weir, L. C	585	3, 3	June 12
Starr, Wm	579	9, 9	May 14	White, Joseph	615	9, —	Nov. 18

Pilots licensed during the year ended December 31, 1897—Portland, Oreg.

First-class pilots.				*Second-class pilots—Continued.*			
Allen, P. R	205	1, 1	Nov. 16	Halbert, C. A	268	1, 1	Sept. 22
Anderson, C. J	211	1, 9	Dec. 20	Hayden, Eugene	297	7, 7	Dec. 20
Dunn, Wm. E	201	1, 4	Jan. 19	Inman, R. D	292	3, 3	Dec. 3
Ditmar, J. A	202	4, 8	Mar. 20	Jones, B. F	205	13, 13	Jan. 18
Hedges, Wm. F	206	14, 16	Dec. 4	Jordan, Peter	224	16, 16	Apr. 1
Inman, W. E	207	1, 8	Dec. 8	Jones, Robt	226	7, 7	Apr. 5
Larsen, John	204	1, 8	Oct. 18	Jahn, C. F	238	1, 1	May 27
Riggs, Arthur	210	1, 3	Dec. 14	Johnson, F. A	248	12, —	July 15
Simpson, Wm	203	15, 15	Oct. 18	Johnson, Chas	256	1, 1	Aug. 6
Senn, Albert	209	1, 2	Dec. 13	Jensen, L. P	260	10, 12	Aug. 16
Turppa, Isaac	208	1, 2	Dec. 9	Johanson, N. P	295	13, 13	Dec. 16
				Kane, W. J	241	2, 2	June 4
Second-class pilots.				Kyle, Wm. M	265	4, 4	Sept. 20
				Karnowsky, A. C	267	3, 3	Sept. 22
Averill, J. S	207	6, 6	Jan. 23	Leverett, J. P	220	8, 8	Mar. 1
Arthur, F	231	2, 2	Apr. 22	Lichtwerk, Chas	234	12, 12	May 8
Astrup, H. F	272	2, 2	Oct. 1	Larson, Wm	237	5, 5	May 24
Ames, J. D	294	2, 2	Dec. 15	Lockwood, H. B	254	7, 7	July 30
Bullard, C. A	219	2, 2	Feb. 23	Logan, S. A	264	7, 7	Sept. 14
Babbidge, W. W	232	5, 7	Apr. 24	Lamly, J. H	287	14, —	Nov. 8
Blake, J. G	246	9, 9	July 6	McCloskey, T. W	217	3, 3	Feb. 15
Bean, F. C	251	2, 2	July 27	Michell, P. E	276	1, 1	Oct. 15
Bell, Geo. A	263	10, 10	Sept. 1	McIntire, J. M	291	9, 9	Nov. 29
Barr, T. S	266	14, 14	Sept. 21	Niemela, J. A	212	2, 2	Feb. 2
Babbe, Frank	271	6, 6	Sept. 28	Nosler, A. L	214	6, 6	Feb. 4
Brazee, A. L	274	3, 3	Oct. 4	Nolan, G. O	244	6, 6	June 21
Boone, J. F	277	8, 8	Oct. 19	Neely, T. J	261	3, 3	Aug. 16
Bateman, Edgar	285	1, 7	Nov. 6	Nelson, F. D	269	1, 1	Sept. 22
Bertrands, Alex	290	7, 8	Nov. 26	O'Connor, John	210	4, 4	Jan. 28
Chapman, H. D	239	2, 2	June 1	Oerkwitz, C. H	296	8, —	Dec. 18
Carlson, John	245	2, 2	June 25	Pendergrass, M. P	233	5, 5	Apr. 29
Clark, A. B	249	2, 2	July 20	Parrott, W. E	258	9, 9	Aug. 10
Coyle, A	279	2, 2	Oct. 25	Pickernell, John	283	15, 15	Nov. 4
Cann, A. V	282	8, 8	Nov. 3	Rehfeld, Wm	201	12, 12	Jan. 2
Cary, W. H. H	286	3, 3	Nov. 8	Rogers, S. C	218	7, 7	Feb. 18
Chipman, E. E	288	9, 9	Nov. 13	Rober, A. F	236	1, 1	May 12
Davis, T. W	213	14, 14	Feb. 3	Rogers, Anson	247	6, 6	July 15
Dove, E. P	216	4, 4	Feb. 15	Rogers, H. H	250	3, 3	July 23
Dempsey, Andrew	242	8, 8	June 14	Rooke, James, jr	259	2, 2	Aug. 16
Davis, L. E	255	1, 1	Aug. 4	Richardson, J. A	262	3, 3	Aug. 26
Eccles, Wm	284	4, 4	Nov. 4	Reith, J. W	275	3, 3	Oct. 8
Farrin, W. B	252	1, 1	July 27	Rich, C. W	280	10, 10	Nov. 1
Finely, Harry	278	11, —	Oct. 19	Stayton, C. P	203	4, 4	Jan. 2
Gamage, E. H	211	7, 7	Jan. 30	Salte, A. E	206	6, 6	Jan. 18
Grounds, B	223	9, 9	Mar. 27	Steear, Thos	221	8, 8	Mar. 19
Gaither, G. P	225	6, 6	Apr. 1	Smith, Milton	228	1, 1	Apr. 12
Giles, J. H	240	9, 9	June 2	Skibbe, Max	293	9, 9	Dec. 4
Gordon, W. S	243	7, 7	June 15	Taylor, G. W	204	3, 3	Jan. 14
Griffon, J. E	273	2, 2	Oct. 1	Thayer, Claud	281	2, 2	Nov. 3
Hurd, A. F	209	10, 10	Jan. 25	Wall, James H	202	2, 2	Jan. 2
Hall, A. J	215	9, 9	Feb. 10	Wolfs, Joseph	208	9, 9	Jan. 23
Hanthorn, C. B	222	1, 1	Mar. 22	Wing, W. W	257	2, 2	Aug. 10
Haslam, Harry	227	6, 6	Apr. 9	Wallis, R. C	270	1, 1	Sept. 22
Henion, F. N	230	5, 5	Apr. 21	Webb, R. D	289	5, —	Nov. 19
Horberg, P. A	235	1, 1	May 11	Young, C. H	229	3, 3	Apr. 20
Herrington, J. C	253	1, 1	July 27				

Joint pilots and engineers licensed during the year ended December 31, 1897—Portland, Oreg.

Stepp, J. E	101	2, 2	Apr. 17	Yettick, Chas	102	6, 6	May 21
Wheeler, W. S	103	4, 4	Sept. 24				

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed during the year ended December 31, 1897—Portland, Oreg.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (ocean).			
Anderson, J. J	1101	6, 6	Dec. 11
Christiansen, W. A. N	949	—, 10	Mar. 10
Coates, Harry	988	18, —	Apr. 29
Crim, P. H	1001	15, —	May 27
Davies, Enoch	921	35, —	Jan. 27
Driscoll, James	925	22, —	Jan. 30
Dudley, A. J	932	10, 10	Feb. 10
Drennon, James	958	19, —	Mar. 27
Daniel, Otto	1090	2, 3	Nov. 29
Eberle, A. W	1082	9, 14	Nov. 3
Fox, J. C	913	14, —	Jan. 20
Hildebrand, J. F	928	2, 4	Feb. 3
Hare, J. W	960	11, 13	Mar. 27
Hutchings, J. A	984	8, —	Apr. 26
Hughes, A. B	1045	21, —	Aug. 30
Kane, J. E	920	—, 9	Jan. 26
Lewis, T. F	1037	20, —	Aug. 16
Leabo, S. V	1093	—, 12	Dec. 2
Mudge, S. W	901	—, 16	Jan. 2
Menzies, Stewart	905	4, —	Jan. 4
McCullough, A	914	15, —	Jan. 22
Mitchell, C. H	919	15, —	Jan. 25
Messerle, John	974	—, 10	Apr. 15
Moran, Thomas	999	16, —	May 26
McMillan, David	1014	6, —	July 2
McIntosh, John	1015	14, —	Do.
Montgomery, R	1019	22, —	July 6
Overton, D. W	904	11, 12	Jan. 4
Pape, Henry	1048	16, —	Aug. 31
Ross, Geo. M	906	6, 8	Jan. 5
Russell, Thomas	959	21, —	Mar. 27
Roberts, G. L	1055	19, —	Sept. 13
Smith, C. T	930	20, —	Feb. 5
Smith, Thomas	1042	26, —	Aug. 28
Scott, James	1061	11, 14	Sept. 21
Smith, Reuben	1078	12, —	Oct. 25
Smith, H. F	1094	8, —	Dec. 3
Taylor, E. A	994	5, 5	May 6
Welch, M	942	15, —	Mar. 1
Yocum, Moses	1038	11, 11	Aug. 16
Chief engineers (inland).			
Anderson, C. O	939	15, —	Feb. 23
Andrews, A. B	948	9, —	Mar. 10
Anderson, John	957	32, —	Mar. 25
Alyward, James	1012	6, 14	July 1
Arndt, I. B	1023	5, —	July 15
Anderson, A	1057	13, 15	Sept. 18
Boak, Gurley	909	13, —	Jan. 7
Brothers, Uria	951	10, —	Mar. 12
Boles, Frank	953	9, 9	Mar. 18
Blackwood, F. E	962	3, 9	Apr. 3
Brown, Andrew	968	10, 15	Apr. 12
Barrows, Frank	980	15, —	Apr. 21
Brown, J. W	993	—, 14	May 6
Brazee, A. L	1000	8, —	May 26
Brock, E. D	1071	—, 14	Oct. 13
Brown, James	1075	22, —	Oct. 20
Blake, J. B	1084	—, 9	Nov. 16
Brunger, Frank	1087	19, —	Nov. 26
Bender, Minis	1092	12, —	Dec. 1
Brown, Geo. J	1104	13, 14	Dec. 18
Bellew, J. W	1107	11, —	Dec. 23
Cairn, Philip	931	10, 15	Feb. 9
Clough, Henry	952	7, 15	Mar. 13
Carr, C. E	961	10, 10	Mar. 27
Clem, L. L	964	7, —	Apr. 5
Carnahan, J. H	970	12, —	Apr. 13
Collyer, J. W	987	15, —	Apr. 27
Clem, W. A	990	10, —	May 3
Campbell, C	998	12, 12	May 15
Carroll, James	1008	14, 18	June 14
Cole, Luther	1029	24, —	July 27
Cunningham, Joseph	1034	19, —	Aug. 9
Campbell, Horace	1035	16, —	Aug. 16
Chief engineers (inland)—Continued.			
Cox, James	1036	10, —	Aug. 16
Crawford, G. W	1047	20, —	Aug. 31
Carey, John	1049	21, —	Do.
Coates, Joseph	1051	—, 10	Sept. 8
Cushing, C. B	1053	12, —	Sept. 13
Campbell, G. W	1070	11, —	Oct. 12
Dunham, H. W	915	14, —	Jan. 22
Dodge, Freeman	996	—, 15	May 10
De Huff, P. W	1024	24, —	July 17
Dehm, C. R	1062	10, 13	Sept. 27
De Puy, H. S	1096	5, 5	Dec. 6
Eppler, J. H	933	20, —	Feb. 11
Epperly, Albert, jr	936	—, 7	Feb. 15
Epperly, Albert, sr	937	20, —	Do.
Everson, W. T	946	10, —	Mar. 4
Evans, F. G	1033	20, —	Aug. 6
Evans, C. W	1058	16, —	Sept. 20
Evans, H. T	1074	—, 12	Oct. 18
Edwards, C. E	1102	6, 6	Dec. 15
Ferrell, J. C	910	20, —	Jan. 18
Fuller, Geo	934	14, 14	Feb. 13
Frye, H. Z	954	2, 7	Mar. 18
Fields, D. A	1005	—, 8	June 5
Fellows, A. J	1021	20, —	July 8
Fuller, C. H	1032	11, 11	Aug. 3
Forstner, A. H	1039	20, —	Aug. 16
Goulding, H	918	12, —	Jan. 25
Gill, S. F	947	8, —	Mar. 5
Gwinn, J. A	963	2, 10	Apr. 5
Graham, James	979	9, —	Apr. 21
Granlund, Chas	1020	3, 7	July 8
Gilbreath, James	1040	11, 14	Aug. 23
Gates, F. F	1076	21, —	Oct. 21
Goss, J. J	1077	8, —	Oct. 22
Gore, C. E	1085	18, —	Nov. 23
Harris, W. E	908	15, —	Jan. 6
Healy, Thomas	977	6, —	Apr. 19
Hays, F. J	978	14, —	Do.
Hamlin, W. L	1002	15, —	June 1
Holman, H	1003	15, —	Do.
Hemstreet, C. H	1004	6, 6	June 2
Hall, A. J	1011	13, —	June 21
Hague, C. J	1050	11, 14	Sept. 6
Hays, Dick	1064	5, 9	Sept. 28
Hendricks, A. L	1065	—, 12	Do.
Harney, J. W	1083	14, —	Nov. 6
Hall, Wm A	1089	—, 16	Nov. 29
Hoffman, W. H	1098	10, —	Dec. 9
Holmes, W. S	1099	19, —	Do.
Hackett, H. A	1103	9, —	Dec. 18
Hardy, T. J	1106	28, —	Dec. 20
Jackson, Albert	911	13, —	Jan. 18
Johnstone, J. H	926	7, 7	Feb. 2
Jennings, C. H	1006	17, —	June 7
Jordan, Peter	1060	—, 16	Sept. 21
Jane, W. J	902	—, 6	Jan. 2
Kern, E. A	916	14, 14	Jan. 22
Kingswood, F. S	976	5, —	Apr. 19
Kellogg, Jason	982	22, —	Apr. 23
Kellogg, E. D	983	8, 9	Do.
Kellogg, C. D	986	—, 3	Apr. 26
Kellogg, Elisha	1052	22, —	Sept. 8
Kaiser, W. P	1097	3, 7	Dec. 7
Luse, H. H., jr	924	14, —	Jan. 29
Linley, H. J	927	—, 6	Feb. 2
Lambo, Louis	967	32, —	Apr. 10
Lewis, Wm	1043	26, 0	Aug. 28
Lockwood, C. L	1088	13, —	Nov. 26
Lightner, C. C	1091	6, 6	Nov. 29
McDermott, Wm. E	903	7, —	Jan. 2
Morgan, Evan	923	12, —	Jan. 27
Marshall, Wm. H	929	17, —	Feb. 3
Multhauf, Jacob	935	15, —	Feb. 15
Mack, A. J	943	14, —	Mar. 1
Munson, F. S	945	16, —	Mar. 2
Maher, Wm	965	16, —	Apr. 8
Mallery, S. W	972	—, 5	Apr. 14

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed—Portland, Oreg.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (inland)—Continued.			
Munger, Albert	973	20, —	Apr. 15
Moudy, W. H	981	14, —	Apr. 23
Molloy, John	997	5, —	May 12
McDermott, J. J.	1007	17, —	June 9
McCully, A	1016	14, 14	July 2
Marshall, John	1031	31, —	July 30
Moon, C. L	1059	7, 7	Sept. 21
Moody, Z. A	1067	13, —	Oct. 7
Malaney, J. R	1069	5, —	Oct. 11
McFoeley, E. D	1073	15, —	Oct. 16
Newsome, W. E	995	17, —	May 8
Nute, C. H	1025	10, 14	July 19
O'Bryan, M. W	985	—, 11	Apr. 26
Oerkwitz, C. H	1017	—, 14	July 3
O'Neill, Michael	1054	18, —	Sept. 13
Pride, Wm	922	—, 11	Jan. 27
Parker, E. P	940	11, 11	Feb. 23
Phillips, John	950	13, 15	Mar. 12
Perkins, C. O	975	9, 10	Apr. 16
Prettyman, J. T	1026	11, 11	July 19
Peebles, G. J	1063	6, 6	Sept. 28
Philbrick, W. H	1080	8, 10	Oct. 29
Rolandson, James	917	9, 10	Jan. 22
Randles, Thos	1018	10, 12	July 3
Ross, A. E	1095	12, 15	Dec. 3
Roberts, Daniel	1105	9, —	Dec. 20
Seymour, G	907	10, —	Jan. 5
Shepard, F. S	938	16, —	Feb. 18
Shaver, Lincoln	944	4, 7	Mar. 2
Schilling, J. E	955	7, 7	Mar. 22
Smith, A. L	966	10, 13	Apr. 10
Stearns, Edward	989	9, —	May 1
Sheen, John	991	—, 12	May 3
Smith, F. F	1009	13, 14	June 18
Smith, T. C	1010	22, —	Do.
Stevens, C. D	1022	9, —	July 15
Smith, F. A	1027	1, 4	July 20
Stutsman, Henry	1028	9, 12	July 23
Summers, Abner	1046	14, —	Aug. 30
Schmidt, August	1066	13, —	Oct. 4
Tackaberry, Thos	941	12, 12	Feb. 25
Thompson, C. W	956	—, 13	Mar. 22
Thayer, G. H	969	3, 3	Apr. 12
Towne, M. J	1041	8, 9	Aug. 23
Tibbetts, F. M	1072	—, 9	Oct. 14
Tracy, C. W	1079	11, —	Oct. 25
Van Auken, Henry	1081	—, 4	Nov. 1
Vickers, Elias	1100	15, 15	Dec. 11
Worsley, W. S	971	17, —	Apr. 13
Willett, A. T	992	5, 8	May 4
Weatherford, L	1013	13, —	July 1
Winterbotham, H. J	1030	16, —	July 30
Wigginton, J. G	1068	12, 12	Oct. 8
Weir, C. W	1086	13, —	Nov. 26
Yount, Robt	912	2, 5	Jan. 18
Yeager, G. W	1044	13, —	Aug. 30
Yeager, J. H	1056	—, 16	Sept. 17
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Allen, Ward	403	4, —	Jan. 7
Adams, Geo. W	418	11, 12	Feb. 25
Armsworthy, W. D	477	1, 1	Oct. 1
Brunnigan, D. B	424	1, 1	Mar. 9
Beeson, W. A	427	1, 1	Mar. 22
Brainard, H	451	11, —	June 9
Bernhardt, Wm	458	3, 3	July 22
Bean, E. A	465	1, 1	Aug. 30
Blanchard, Dean	478	—, 11	Oct. 1
Cornwall, N. J	426	8, —	Mar. 13
Coffelt, J. W	443	2, 2	May 13
Cummings, Geo. E	450	1, 1	June 5
Campbell, G. S	472	1, 1	Sept. 22
Davis, Z. C	409	—, 13	Feb. 9
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Davis, L. E	413	7, 7	Feb. 19
Daly, F. A	486	1, 1	Oct. 20
Davis, H. W	489	10, —	Oct. 22
Eccles, Wm	493	3, 3	Nov. 4
Fox, F. A	490	—, 12	Nov. 1
Good, James	434	11, —	Apr. 12
Grow, Wm	447	11, —	May 29
Goddard, C. E	487	1, 1	Oct. 21
Hanthorn, C. B	428	1, 1	Mar. 22
Hill, C. O	433	—, 11	Apr. 12
Hendricks, R. A	452	7, 7	June 21
Hansen, Edward	461	4, 4	July 28
Hanley, John	464	9, —	Aug. 19
Inman, R. D	408	1, 1	Feb. 6
Johnson, Robt	436	13, —	Apr. 24
Jensen, John	442	5, 5	May 12
Knowles, Geo. O	401	4, 4	Jan. 4
Logan, S. A	470	6, 6	Sept. 14
Malnoe, A. L	453	1, 1	June 24
Myers, Albert	460	2, 2	July 27
Morgan, W. V	462	1, 1	July 29
McIrwin, J. E	479	6, —	Oct. 4
Munro, Joseph	481	5, 5	Oct. 7
Michell, F. E	491	11, —	Nov. 1
Ogle, J. C	457	3, —	July 20
Powell, C. E	421	7, 7	Mar. 6
Pitman, Jonathan	471	10	Sept. 15
Petit, Herbert	485	1, 1	Oct. 13
Rogers, S. C	414	5, 5	Feb. 20
Rober, A. F	449	6, 6	June 2
Rooke, J. W	494	5, 5	Nov. 8
Severy, D. E	416	5, 5	Feb. 24
Safely, Wm	431	9, —	Apr. 7
Smith, B. T	435	1, 1	Apr. 13
Snyder, A. M	456	1, 1	July 15
Smith, James	459	1, 1	July 22
Schubbe, C. H	468	6, —	Sept. 6
Smith, H. S	483	6, 6	Oct. 12
Tozier, R. E	495	1, 1	Nov. 17
Uhlman, Robt	499	3, 3	Dec. 3
Wilson, Oscar	438	14, —	Apr. 29
Wren, Marion	448	1, 1	June 1
Wall, John	466	4, 4	Aug. 30
Wilson, L. E	480	3, 3	Oct. 6
Young, C. O	476	1, 1	Oct. 1
Zumwalt, O. L	473	—, 8	Sept. 23
First assistant engineer (ocean).			
Gates, Wm. H	9401	—, 4	Dec. 20
First assistant engineers (inland).			
Akins, Sage	405	6, 6	Jan. 8
Anderson, O. A	482	1, 1	Oct. 9
Bohannon, J. D	496	6, 6	Nov. 17
Carroll, John	441	5, —	May 11
Campbell, H. S	492	3, 3	Nov. 1
Dannebier, G. A	410	4, 4	Feb. 10
Dow, F. O	454	4, 4	July 3
Eliasen, H. P	411	4, 4	Feb. 11
Epperly, Jerome	425	3, 3	Mar. 12
Ernst, J	467	7, 7	Sept. 1
Fitzgerald, Thos. C	440	7, 7	May 4
Ferchen, H. E	477	—, 4	Nov. 20
Hallett, H	429	—, 7	Mar. 25
Kelly, C. H	417	1, 1	Feb. 25
McGinnis, James	432	12, 12	Apr. 10
Mathers, John	437	5, 5	Apr. 28
Meikle, L. L	445	1, 1	May 26
McCarthy, M	446	12, —	May 27
Rockett, R. P	404	3, —	Jan. 7
Rooke, Thos	407	4, —	Jan. 29
Robertson, J. W	488	8, —	Oct. 22
Smock, D. E	406	1, 1	Jan. 27

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed—Portland, Oreg.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
First assistant engineers (inland)—Cont'd.			
Thomas, W. R	569	4, —	Sept. 6
Van Avery, H. M	463	5, —	Aug. 16
Wendel, J. F	430	4, 4	Apr. 6
Walkley, Robt	455	—, 9	July 3
Second assistant engineers (ocean).			
Amesbury, E. W	484	12, —	Oct. 12
Conolly, A. H	419	—, 4	Mar. 2
Duke, W. R	423	5, —	Mar. 8
Fox, F. L	412	—, 3	Feb. 18
Healy, Wm	475	—, 3	Sept. 27
Miller, B. L	420	5, —	Mar. 4
Swan, W. S	444	—, 3	May 26
Second assistant engineers (inland).			
Stayton, C. P	402	4, 4	Jan. 7
Simmons, H. C	474	4, —	Sept. 25
Third assistant engineers (ocean).			
Binder, H. C	498	1, 1	Nov. 29
Carstens, A	422	1, 1	Mar. 8
Ingleton, James	439	9, 9	May 1
Minor, J. I	415	6, 6	Feb. 23
Watts, Thos. F	500	1, 1	Dec. 6
Special engineers.			
Allen, Edward	204	2, 2	July 20
Coyle, F	209	2, 2	Oct. 25
Johnson, Wm. A	210	2, 2	Dec. 15
Larson, Wm	203	8, 8	May 24
Lillard, Ellsworth	207	1, 1	Aug. 21
Pierce, Thos. E	201	3, 3	Jan. 2
Puskelin, John	211	4, 4	Dec. 20
Roberts, N. P	208	3, 3	Oct. 11
Skinner, Geo	202	3, 3	Feb. 17
Starr, C. E	205	5, 5	July 20
Walters, E. E	206	2, 2	Aug. 19

LOCAL DISTRICT OF SEATTLE, WASH.

Masters licensed during the year ended December 31, 1897—Seattle, Wash.

Name.	No. of license.	No. of issue.*	Date of issue.
Baillie, William K	785	7, —	Sept. 3
Blaine, James C	808	1, 1	Sept. 22
Burleigh, W. A	823	1, 1	Oct. 11
Bradley, Charles H	884	1, 6	Dec. 15
Connell, William A	814	1, 9	Sept. 27
Crockett, E. E	867	1, 1	Dec. 3
de Otte, D. F. A	730	6, —	June 8
George, William E	648	5, —	Mar. 10
Grant, A. H	831	1, 3	Oct. 18
Jordan, J. F	802	2, —	Sept. 18
Keller, Albert W	784	9, —	Sept. 3
Lennan, James E	622	13, —	Jan 25
Leighton, Arthur	644	5, 6	Mar. 8
Lloyd, H. H	665	5, —	Apr. 5
McAllep, J. W	637	15, —	Feb. 19
New Gard, L. C. C	680	1, —	Apr. 21
Patterson, James B	697	11, —	May 4
Pendleton, A. S	837	1, 1	Oct. 19
Roberts, George	700	16, —	May. 6
Raynor, Charles E	812	1, 1	Sept. 27
Smith, William J	803	1, 1	Sept. 18
Sadler, S. N	878	1, 1	Dec. 13
Wallace, David	689	15, —	Apr. 29

Masters and pilots licensed during the year ended December 31, 1897—Seattle, Wash.

Name.	No. of license.	No. of issue.*	Date of issue.
Ames, C. W	645	6, —	Mar. 9
Ash, George	646	2, —	Do.
Anderson, O. A	742	13, —	June 22
Anderson, John	872	9, —	Dec. 8
Axtell, Walter	888	1, 5	Dec. 17
Bryant, W. H	603	2, 6	Jan. 8
Byron, J. L	607	16, —	Jan. 12
Bendegard, Morten	618	11, —	Jan. 21
Brown, R. G	621	1, 5	Jan. 22
Benson, D	623	17, —	Jan. 25
Blekum, Harold	629	3, 7	Feb. 2
Barrington, E. M	649	7, —	Mar. 15
Bergman, C. E	663	13, —	Apr. 1
Bullene, Howard H	672	8, —	Apr. 9
Barrington, H. G	685	1, 6	Apr. 26
Brooks, J. W	702	8, —	May 7
Brownfield, C. D	708	22, —	May 12
Burns, James	714	3, 8	May 17
Brydsen, Charles	715	2, 7	May 18
Beecher, Herbert F	734	15, —	June 12
Butler, Thomas	738	8, —	June 18
Boyce, John H	740	8, —	June 21
Barlow, George W	748	10, —	July 5
Benson, George	753	5, 12	July 13
Bull, Knud	756	5, 8	July 21
Burneson, Allen P	758	8, —	Do.
Brown, C. L. W	760	8, —	July 22
Bowden, Charles E	761	3, —	Do.
Byram, George M	762	5, 9	Do.
Brown, Patrick	771	3, 8	Aug. 5
Baker, William E	774	11, —	Aug. 11
Brightman, B. F	786	10, —	Sept. 3
Burnham, A. J	791	1, —	Sept. 9
Brandow, John H	792	3, —	Sept. 10
Baughman, E. G	795	9, —	Sept. 15
Benjamin, A. O	800	8, —	Sept. 16
Bucklin, E. F	817	19, —	Sept. 30
Brown, M. F	819	5, 9	Do.
Burrows, E. R	829	8, —	Oct. 16
Bullong, John S	840	10, —	Oct. 22
Brightman, William B.	842	21, —	Oct. 26
Barr, John C	849	12, —	Nov. 5
Bailey, Charles T	851	13, —	Nov. 8
Bailey, Henry	857	19, —	Nov. 17
Benham, H. A	862	1, 7	Nov. 27
Bruce, William E	880	16, —	Dec. 13
Bingham, John R	881	4, 9	Dec. 14
Clancey, C. E	676	23, —	Apr. 15
Cade, Harry	693	2, 4	May 1
Crockett, G. A	695	6, —	Do.
Chester, Martin	696	11, —	Do.
Coffin, Thomas A	701	12, —	May 6

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Seattle, Wash.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Carter, Henry	739	9, —	June 19	Jefferson, E. H	890	25, —	Dec. 21
Call, Charles A	741	6, —	June 22	Kelton, Thomas	606	15, —	Jan. 11
Coffin, E. B	747	5, 8	July 2	Kirkaldie, J. B	608	9, —	Jan. 13
Curtis, James F	752	13, —	July 12	Kunkler, B. P	699	2, 5	May 6
Cushman, Thomas G	759	8, —	July 21	Kilcup, John M	728	3, 8	May 29
Clinger, F. W	772	10, —	Aug. 10	Kalstrom, Charles E	767	5, 10	July 31
Connor, Richard	821	11, —	Oct. 7	Kildall, Peter C	770	3, 6	Aug. 4
Campbell, E. A	856	9, —	Nov. 16	Keeny, G. W	816	1, 8	Sept. 30
Chapman, J. H	870	14, —	Dec. 7	Keen, F. W	832	2, 4	Oct. 19
Denny, S. T	619	16, —	Jan. 21	Kraft, Charles F	860	11, —	Nov. 24
Dickson, Thomas A	628	5, 9	Jan. 30	Knight, Richard	883	5, 9	Dec. 14
Davis, C. S	642	12, —	Mar. 1	Leighton, H	617	5, 8	Jan. 20
Davis, R. E	652	5, —	Mar. 18	Libby, Elmer E	633	6, —	Feb. 8
Davis, D. T	660	15, —	Mar. 24	Libby, John B	662	17, —	Mar. 27
Downing, John C	691	1, —	May 1	Lermond, Percy	677	2, 7	Apr. 16
Dyer, Charles P	704	8, —	May 7	Lyle, Thomas	692	5, —	May 1
Dixon, John	707	8, —	May 11	Leech, John	711	8, —	May 15
Drisko, W. F	717	1, 5	May 19	Loveland, A. R	725	7, —	May 26
De France, Henry	775	24, —	Aug. 26	Le Ballister, A. E	781	6, —	Aug. 31
Delaney, William J	777	9, —	Aug. 27	Layton, F. K	799	6, —	Sept. 16
Dodge, Jos. E	788	12, —	Sept. 3	Larsen, Lars	850	10, —	Nov. 8
Doney, G. W	794	5, 11	Sept. 13	Merwin, W. K	602	10, —	Jan. 8
Davis, Charles M., sr	820	20, —	Oct. 7	McDonald, H. H	604	6, —	Do.
Duffy, Thomas	825	8, —	Oct. 12	Manter, Charles C	626	5, 9	Jan. 28
Drisko, Z. F	846	2, 8	Nov. 3	McCoy, J. A	631	13, —	Feb. 8
Davis, J. L	868	8, —	Dec. 6	Mitchell, J. F. T	634	7, —	Feb. 9
Edwards, A. J	616	11, —	Jan. 19	McAlpine, A. N	635	16, —	Feb. 12
Ellis, W. H	673	15, —	Apr. 12	Mann, Winfield	641	8, —	Feb. 26
Ellsmore, John	705	8, —	May 10	McAlmond, Henry	654	6, —	Mar. 19
Easter, W. W	751	8, —	July 9	Morgan, James	661	15, —	Mar. 25
Evans, George J	797	1, 1	Sept. 15	McMillin, T. H	678	13, —	Apr. 19
Edwards, W. F	810	10, —	Sept. 24	McMasters, George H	703	7, —	May 7
Farrer, Erwin	647	13, —	Mar. 9	Mathews, Charles	706	3, 7	May 10
Flint, C. A	659	8, —	Mar. 22	Messegee, George D	723	14, —	May 22
Fisher, John	681	7, —	Apr. 21	Munson, C. H	724	8, —	May 24
Fussell, John	721	8, —	May 22	Murray, Frank	733	8, —	June 10
Falk, Peter	852	8, —	Nov. 9	McGregor, G. W	736	26, —	June 17
Fyfe, Angus	854	1, 7	Nov. 11	Marcusen, A	745	2, 6	June 28
Gove, William	624	22, —	Jan. 25	Mitchell, John R	746	13, —	June 29
Gustafson, E	640	9, —	Feb. 24	McFarland, Robert	769	3, —	Aug. 2
Griffin, Walter L	664	1, 7	Apr. 3	Monroe, Joseph A	776	30, —	Aug. 26
Griggs, Alexander	667	4, —	Apr. 6	Madison, Charles	780	7, 9	Aug. 31
Goding, E	668	15, —	Apr. 7	May, Thomas	783	6, 9	Sept. 2
Gilmore, James	674	15, —	Apr. 13	Marmont, T. A	790	7, —	Sept. 8
Green, T	679	8, —	Apr. 21	Milburn, Thomas	801	2, 7	Sept. 17
Gatter, F. W	763	10, —	July 22	Monroe, Joseph W	805	, 8—	Sept. 21
Grounds, Frank	796	13, —	Sept. 15	Mathiason, Andrew	813	1, 8	Sept. 27
Green, Joshua	815	5, 7	Sept. 29	McWilliams, Walter	818	10, —	Sept. 30
Grant, Thomas	839	17, —	Oct. 22	Miller, Edward	836	15, —	Oct. 19
Gillespie, H. J	876	14, —	Dec. 11	Munnings, Frederick	845	1, 10	Nov. 1
Gilmore, Charles F	886	10, —	Dec. 16	Murray, J. D	877	3, 6	Dec. 11
Hansen, Gunder	610	1, 7	Jan. 13	Morrison, H. H	879	4, —	Dec. 13
Henspeter, L	613	9, —	Jan. 18	Nelson, Swante	601	4, 7	Jan. 5
Holmes, E. W	650	18, —	Mar. 16	Nickels, E. A	605	18, —	Jan. 9
Hamlin, James W	655	5, —	Mar. 20	Nielson, Antone	609	3, 6	Jan. 13
Horne, A. W	671	9, —	Apr. 8	Nielsen, Thomas	611	9, —	Jan. 18
Harrington, N. S	684	1, —	Apr. 24	Nash, Frank	682	15, —	Apr. 22
Hunt, E. E	731	9, —	June 9	Nichols, Melville	719	10, —	May 21
Hansen, C. E	735	8, —	June 17	Nibbe, John H	727	11, —	May 29
Harris, Benjamin	764	20, —	July 22	Newhall, William	729	3, 4	June 8
Hansen, August	765	12, —	Do.	Nixon, John E	809	14, —	Sept. 23
Hennessey, A. F	778	8, —	Aug. 28	Noring, William	871	5, —	Dec. 8
Hall, Charles F	793	15, —	Sept. 11	O'Brien, John A	614	5, —	Jan 18
Hunter, James C	804	16, —	Sept. 21	Olsen, Ole	732	8, —	June 10
Hill, George L	811	10, —	Sept. 24	Oliver, J. L	750	9, —	July 8
Hastings, L. B	830	16, —	Oct. 18	Orr, Cyrus	757	1, 3	July 21
Hoyt, S. A	833	13, —	Oct. 19	Olson, O. G	782	5, 8	Sept. 2
Hansen, John	847	10, —	Nov. 4	Olsen, Christian	885	9, —	Dec. 16
Hansen, Henry A	858	2, 6	Nov. 17	Price, F. N	615	9, —	Jan. 19
Hall, Robert	865	7, —	Nov. 29	Parker, Herbert M	627	13, —	Jan. 29
Hennessey, James	882	15, —	Dec. 14	Primrose, W. H	690	10, —	Apr. 30
Jackson, H. F	612	5, 5	Jan. 18	Powers, Thomas J	709	12, —	May 13
Johnson, H. K. A	625	6, —	Jan. 25	Parker, G. H	712	18, —	May 15
Jones, H. B	683	2, —	Apr. 22	Pitcher, N	720	7, —	May 21
Jackson, Samuel	722	20, —	May 22	Pearson, John P	824	11, —	Oct. 11
Johnson, J. W. R	743	8, —	June 26	Pierce, H. M	835	1, 5	Oct. 19
Jordison, John	853	9, —	Nov. 11	Ramwell, Henry	632	3, 6	Feb. 8
Jenkins, George A	855	1, 4	Nov. 15	Race, H. M	656	15, —	Mar. 22
Jacobsen, Jacob	866	6, 9	Dec. 2	Rogers, N. L	658	15, —	Mar. 23
Jensen, T. A	889	15, —	Dec. 20	Rosendal, George	773	7, —	Aug. 10

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Seattle, Wash.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Reed, John C	822	19,—	Oct. 9	Thompson, John R	651	1,4	Mar. 18
Redding, Thomas	834	8,—	Oct. 19	Tackabery, J. D	659	21,—	Mar. 24
Rugar, E. V	841	3,8	Oct. 22	Tew, Thomas S	688	3,—	Apr. 28
Russell, David	844	1,4	Oct. 28	Troutman, Daniel	766	6,—	July 27
Redmond, Jos. H	848	10,—	Nov. 5	Thompson, Marshall C	779	9,—	Aug. 28
Smith, E. W	620	14,—	Jan. 21	Thomas, W. R	789	9,—	Sept. 7
Swanton, G. W	630	2,—	Feb. 5	Tew, Fred A	798	3,5	Sept. 15
Shibles, Peter P	638	7,—	Feb. 20	Turner, Harry	806	1,6	Sept. 22
Sprague, C. W	639	15,—	Feb. 24	Vanderhoof, J. F	698	8,—	May 5
Stetson, Alfred F	643	9,—	Mar. 1	Willey, Lafayette	636	6,—	Feb. 15
Sproul, A. M	653	5,—	Mar. 18	White, George H	666	11,—	Apr. 6
Spaulding, A. P	670	1,—	Apr. 8	Wyman, Fred E	669	3,7	Apr. 8
Struve, H. K	694	9,—	May 1	Worth, Frank	675	24,—	Apr. 13
Seymore, W. B	713	15,—	May 15	Wise, Frank D	686	9,—	Apr. 27
Stone, George F	716	1,6	May 19	Wittum, W. S	687	12,—	Apr. 28
Smith, William	718	4,—	May 20	Woodman, F. A	710	8,—	May 15
Stretch, Benjamin	737	3,—	June 18	Wood, Alex	726	11,—	May 29
Shroll, J. T	749	7,—	July 7	Willey, P. L	744	14,—	June 26
Stream, A. T	755	16,—	July 19	White, Francis M	754	8,—	July 19
Spuhn, Carl	787	13,—	Sept. 3	West, F. C	768	5,7	Aug. 2
Swift, E. A	826	7,—	Oct. 14	Wilson, F. A	807	7,—	Sept. 22
Sloan, John A	827	6,—	Oct. 15	Waite, William J	861	13,—	Nov. 26
Sudlow, T. M	828	5,—	Do.	Williamson, William	863	22,—	Nov. 29
Snyder, W. A	838	9,—	Oct. 19	Wilson, Peter	869	5,—	Dec. 6
Sinclair, C. W	843	7,—	Oct. 27	Whitney, B. B	873	3,5	Dec. 8
Snow, S. F	859	4,—	Nov. 19	Warren, Frank S	874	10,—	Dec. 10
Studdert, W. J. M	864	6,—	Nov. 29	Walters, M. R	875	6,9	Dec. 11
Shibles, F. E	887	4,—	Dec. 17				

Mates licensed during the year ended December 31, 1897.—Seattle, Wash.

Augur, Thomas W	406	6	Jan. 8	Johnson, John	443	4	May 19
Anderson, T. E	425	7	Mar. 19	Johnson, John A	453	3	June 18
Arey, Charles L.	478	1	Sept. 4	Johnson, Fretz	466	7	Aug. 11
Allenby, Walter	489	4	Nov. 20	Johnk, William H	467	5	Aug. 13
Anderson, John P	494	3	Nov. 27	Johnson, Henry N	469	8	Aug. 23
Bradley, Charles H	413	5	Feb. 4	Jackson, Thomas	488	5	Nov. 12
Bonate, Louis	434	4	Apr. 17	Lien, O. M	408	2	Jan. 13
Bourke, Michael	436	7	Apr. 20	Larsen, O. B	410	3	Jan. 23
Brierly, Benj. R	438	4	Apr. 22	Lindfors, Ludwig	441	8	May 3
Barlow, Samuel	446	3	May 28	Lewis, D. T	447	6	June 2
Bucey, Joseph C	463	1	Aug. 6	Landerking, G. M	470	1	Aug. 26
Bailey, A. S	476	5	Aug. 28	Luark, James	472	4	Aug. 28
Burnham, A. B	491	3	Nov. 24	Leblond, Phillip	484	6	Oct. 2
Bragdon, E. H	495	2	Dec. 3	Mangan, W. H	430	2	Apr. 6
Creager, H. P	416	2	Feb. 6	McCarthy, Charles P	437	2	Apr. 22
Chappell, Frank	427	8	Mar. 22	May, William	461	7	July 31
Clarke, Bert	432	1	Apr. 15	Melville, George F	464	2	Aug. 10
Clements, Frank J	433	1	Apr. 16	McLeod, N. S	479	1	Sept. 4
Carr, W. B	451	6	June 10	Mackenzie, J. R	485	1	Oct. 12
Carroll, Patrick	459	14	July 17	Marshall, James	497	1	Dec. 4
Curtis, George	481	10	Sept. 11	Nelson, Peter	423	7	Mar. 13
Cadwell, Charles C	483	2	Sept. 15	Norrby, Charles G	456	7	June 29
Cristman, Bert	490	3	Nov. 24	Olsen, Ole	405	4	Jan. 7
Daly, James	404	1	Jan. 7	Olsen, E	460	4	July 27
Doyle, Stephen	409	1	Jan. 20	Olsen, John	468	1	Aug. 23
Davidson, Andrew	417	5	Feb. 9	Pinkerton, Victor	455	3	June 23
Donovan, Thomas	428	5	Apr. 5	Russell, Thomas W	403	4	Jan. 7
Duffy, Patrick	452	4	June 14	Rathke, Charles	421	11	Mar. 12
Doddridge, John	454	6	June 18	Reed, John W	496	1	Dec. 3
Dockar, John J	465	1	Aug. 10	Swanberg, E	418	6	Feb. 10
Dahl, Regnor	471	3	Aug. 28	Smith, L. C	419	5	Feb. 16
Drake, Charles F	474	6	Do.	Smith, Charles	420	7	Feb. 26
Dyer, A. C	480	4	Sept. 7	Soderman, Gus	422	8	Mar. 13
Edwards, Michael	439	5	Apr. 23	Smith, George	424	7	Mar. 18
Eisler, Whitney I	442	1	May 5	Sanford, William W	445	2	May 22
Faurnie, Edward P	401	6	Jan. 4	Smith, William P	448	2	June 7
Farrow, C	450	9	June 10	Salley, Charles B	457	6	June 18
Ferkin, Peter M	476	8	Aug. 31	Swanson, J. A	458	7	July 9
Harding, W. G	402	1	Jan. 5	Stanford, George	477	1	Sept. 4
Hahn, Oscar	407	2	Jan. 13	Stewart, Charles D	486	7	Oct. 19
Hutchinson, M	429	1	Apr. 5	Thompson, Andrew	411	4	Feb. 3
Hansen, John	431	1	Apr. 15	Thorne, John	412	2	Feb. 4
Holbrook, R. B	440	3	Apr. 28	West, Spencer L	426	1	Mar. 22
Hale, Albert K	444	6	May 20	Westburg, G. W	435	8	Apr. 20
Henderson, C. H	462	7	Aug. 4	Weber, Charles	449	2	June 9
Haldorsen, Edward M	482	7	Sept. 14	Woodin, John S	473	1	Aug. 28
Hannah, B. F	493	8	Nov. 26	Whitney, William F	487	9	Nov. 12
Jensen, J. A	414	8	Feb. 5	Wilson, Charles	492	7	Nov. 26
Johnson, Sven	415	7	Do.				

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed during the year ended December 31, 1897—Seattle, Wash.

Name.	No. of license.	No. of issue.*	Date of issue.
First-class pilots.			
Bradley, Charles H	116	2, 6	Aug. 19
Craig, Benjamin	113	11, —	July 13
Connell, William A	114	2, 8	Do.
Francis, Edward H	102	8, —	Jan. 30
Gregory, William E	112	4, —	June 9
George, William E	121	16, —	Nov. 29
Hunter, J. C	115	1, —	Aug. 6
Jensen, Lars	105	1, —	Mar. 15
Jensen, Edward S	117	4, 4	Oct. 14
Keen, J. W	103	11, —	Feb. 1
Lennan, James E	101	8, —	Jan. 25
Lloyd, H. H	110	11, —	May 17
Leech, John	122	1, —	Dec. 17
McAllep, J. W	104	3, —	Feb. 19
Marden, H. H	106	9, —	Mar. 29
Patterson, J. B	108	7, —	May 4
Roberts, George	109	2, —	May 6
Robinson, E. N	118	7, —	Nov. 2
Snow, S. F	119	1, —	Nov. 19
Thompson, William	111	4, —	June 5
Wallace, David	107	10, —	Apr. 29
Waite, William J	120	20, —	Nov. 22
Second-class pilots.			
Anderson, August	126	5, 7	Mar. 11
Anderson, O. B	142	2, 4	Apr. 14
Anderson, John L	178	6, 7	July 7
Anner, Albert	6919	1, 5	Nov. 4
Buckley, M. G	111	9, —	Feb. 6
Blekum, E	112	1, 4	Do.
Burley, Thomas S	125	1, 2	Mar. 11
Bredesen, Edwin	132	1, 6	Mar. 19
Budlong, G. E	137	7, —	Apr. 3
Benjamin, W. S	152	1, 1	May 7
Barwell, Frank L	160	1, 4	May 24
Basford, Charles E	163	1, 3	June 2
Bradford, William	185	4, 8	July 26
Bartsch, George	190	3, 4	Aug. 9
Burrows, C. E	195	4, 5	Aug. 28
Bozarth, A. J	198	3, 5	Aug. 31
Brunn, Simon	6908	3, 5	Oct. 13
Benson, Martin	6937	5, —	Dec. 17
Barlow, Harry	6941	1, 2	Dec. 21
Curtis, Walter K	105	2, 3	Jan. 14
Crockett, William	113	5, 7	Feb. 10
Campbell, Malcolm	118	4, —	Feb. 20
Carlton, John A	144	1, 1	Apr. 17
Collins, John W	145	1, —	Apr. 19
Cuthbertson, R	154	4, 7	May 12
Cummings, John	180	1, 1	July 19
Curtis, Alvin	187	7, 8	Aug. 3
Clymer, Henry V	197	11, —	Aug. 28
Cummins, William N	200	1, 1	Sept. 11
Call, Charles W	6940	1, 1	Dec. 17
Doyle, James J	155	2, 7	May 12
Durgan, Charles R	6914	1, 1	Oct. 23
Davis, Herbert E	6924	5, 8	Nov. 19
Darling, Lester L	6935	8, 9	Dec. 17
Eames, George H	117	5, —	Feb. 17
Edwards, William B	122	4, —	Mar. 9
Erickson, E	182	7, 8	July 22
Fritzinger, I. W	107	7, 9	Jan. 22
Foss, Peter	150	3, 5	May 3
Ferris, E. D	6931	9, —	Dec. 11
Harrington, Frank S	109	13, —	Jan. 30
Hastings, O. A	128	7, 8	Mar. 12
Haynes, Thomas S	131	1, 7	Mar. 18
Humphreys, Chris'pher	135	1, 3	Mar. 23
Healy, James	140	15, —	Apr. 13
Harrison, M. L	146	1, 5	Apr. 21
Herbert, Joseph	149	8, —	Apr. 29
Hamilton, John	156	2, 7	May 13
Harris, G. A	161	8, —	May 25
Hall, S. Y	172	1, 4	June 24
Second-class pilots—Continued.			
Hunt, A. R	6902	1, 3	Sept. 15
Jones, John D	108	2, 2	Jan. 23
Johnson, M. J	129	1, 4	Mar. 12
Jamieson, Robert	148	2, 2	Apr. 28
Jewell, Frank C	164	1, 4	June 7
Jones, Henry A	167	7, —	June 10
Johnson, John	194	1, —	Aug. 26
Jensen, Joseph	6905	1, 1	Sept. 29
Johnson, Barney	6910	4, 4	Oct. 19
Jackson, Robert W	6933	1, 1	Dec. 15
Kildall, Simon	104	2, 3	Jan. 14
Kronah, Charles	116	9, —	Feb. 15
Kenney, Will J	130	1, 2	Mar. 18
Karr, Cyrus J	133	4, 5	Mar. 20
King, Charles F	181	11, —	July 21
Krull, L. S	192	7, 8	Aug. 17
Lorenz, C. O	176	12, —	July 5
Lyng, John	188	3, 7	Aug. 3
Leake, Herbert W	6909	7, 8	Oct. 14
Lundstrom, A. G	6920	1, 2	Nov. 9
Lorenz, E	6925	6, 11	Nov. 19
Maloney, Robert	101	1, 5	Jan. 5
McGregor, C. L	110	3, 6	Feb. 2
McMillin, W. C	121	8, —	Mar. 9
Morisset, Louis	157	1, 5	May 19
Malaney, Thomas W	166	7, —	June 10
Martin, J. F	169	3, —	June 12
McReavy, H. E	6919	1, 4	Oct. 28
Majo, Francis A	6917	9, —	Oct. 29
Madison, Martin	6926	1, 5	Nov. 27
Myers, Ira	6942	1, 4	Dec. 21
Nelson, H. C	151	11, —	May 4
Olsen, Mack	6906	1, 3	Oct. 2
Olsen, O. M	6934	1, 3	Dec. 16
Parker, W. A., sr	102	6, —	Jan. 7
Pinkerton, Fred	103	7, 8	Jan. 11
Parker, Howell	158	1, 1	May 19
Penfield, Howard	168	5, 8	June 12
Purvis, Robert L	173	5, 5	June 24
Palmakoff, Peter	189	9, —	Aug. 4
Piper, David	6904	1, 1	Sept. 28
Peterson, E. W	6922	3, 6	Nov. 13
Page, James	6932	1, 8	Dec. 11
Ruse, David	115	2, 4	Feb. 12
Russell, J. W	147	5, 6	Apr. 24
Reed, Alfred W	174	2, 4	June 25
Riddle, H. A	6901	2, 5	Sept. 13
Riddle, R. W	6911	6, 7	Oct. 20
Raymond, W. L	6939	1, 1	Dec. 17
Sutherland, John	106	2, 4	Jan. 15
Soper, Arthur J	114	7, 8	Feb. 10
Starr, Frank	123	8, —	Mar. 10
Smith, Lewis W	141	7, —	Apr. 13
Sprague, I. B	153	2, —	May 11
Stenger, L. U	162	2, 2	May 28
Smith, E. C	175	1, 4	June 25
Shearer, George W	193	3, 6	Aug. 25
Sewell, C. J	6903	4, 5	Sept. 16
Stetson, W. L	6913	3, 5	Oct. 22
Sherman, F. M	6923	6, 8	Nov. 15
Schulze, Herman	6929	1, 2	Dec. 6
Towle, A. M	119	2, 3	Feb. 23
Thoresen, Thore	120	2, 4	Mar. 8
Thomas, A. W	124	1, 2	Mar. 11
Tarte, W. R	143	8, —	Apr. 16
Tollaksen, M. E	177	3, 5	July 6
Thornton, Edward	184	5, —	July 26
Thurston, A. R	6912	2, 3	Oct. 20
Tibbits, C. E	6915	9, —	Oct. 27
Trevorah, W. E	6918	2, 7	Nov. 1
Tabell, Bertel	6936	2, —	Dec. 17
Verde, Joseph	6927	1, 7	Dec. 3
Wallace, Charles	127	1, 6	Mar. 11
Wadleigh, A. S	136	2, —	Mar. 29
Wiman, Chance	159	8, —	May 24
Williams, Charles H	165	8, —	June 9

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed—Seattle, Wash.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Second-class pilots—Continued.				*Special pilots.*			
Wilde, H. A	171	12, —	June 19	Churchill, L. M	139	3, 3	Apr. 7
Wilson, E. F	179	11, —	July 19	Foss, Andrew	6928	3, 3	Dec. 6
Winchester, Frank	183	1, 5	July 26	Ginnette, R. E	170	3, 3	June 12
Wilson, Howard E	186	4, 7	July 30	McLaughlin, John	134	1, 1	Mar. 20
Willson, Thomas A	196	11, —	Aug. 28	McKay, S. G	6907	3, 3	Oct. 8
Wahl, R. W	6930	1, 5	Dec. 7	Parke, James M	199	1, 1	Aug. 31
Walker, H. L	6938	2, 4	Dec. 17	Warner, E. C	138	5, 5	Apr. 3
Yorke, S. E	191	3, 3	Aug. 11	Ward, H. E	6921	1, 1	Nov. 13

Joint pilots and engineers licensed during the year ended December 31, 1897—Seattle, Wash.

Andrews, Charles W	65	2	June 17	Hicks, Charles	56	1	Apr. 24
Anderson, John	77	2	Oct. 8	Hardy, N. D	70	1	July 20
Brown, F. M	53	2	Feb. 26	Krag, H. F. L	61	2	June 8
Clark, W. A	75	1	Sept. 23	Kellogg, J. D	64	1	June 11
Deming, F. G	51	4	Jan. 4	Lister, S. G	57	1	Apr. 28
Dunson, Joseph	60	3	June 5	McLean, A	66	3	June 18
Davis, J. G	76	2	Oct. 5	Mahler, H. D	68	2	July 5
Dahlgreen, Peter	79	5	Dec. 10	Murphy, Thomas	71	11	July 26
Flower, G. H	58	3	May 15	Millar, James	78	4	Dec. 10
Green, Charles	55	5	Apr. 20	Olsen, Frank	72	1	Aug. 6
Herriman, Albert	52	1	Jan. 6	Robison, F. A	59	1	May 27

Engineers licensed during the year ended December 31, 1897—Seattle, Wash.

Chief engineers (ocean).				*Chief engineers (ocean)*—Continued.			
Adams, Herbert	614	—, 11	Jan. 11	Newhall, Frank H	652	—, 14	Feb. 23
Blinn, William P	611	—, 14	Do.	Nelson, Thorrald	803	—, 9	Sept. 8
Bragdon, John H	637	—, 15	Feb. 5	O'Neal, John A	681	6, 8	Apr. 6
Brightman, A. L	642	—, 12	Feb. 12	Primrose, J. F	622	—, 11	Jan. 15
Benjamin, T. C	767	—, 15	July 26	Pierce, R. V	851	—, 13	Nov. 12
Brownfield, Charles H	776	—, 18	Aug. 11	Peterson, Fred	882	—, 26	Dec. 22
Biggs, Albert E	799	—, 10	Sept. 6	Ross, Robert B	837	4, 6	Oct. 22
Barnes, Paul	856	3, 3	Nov. 22	Rice, Burgess W	843	—, 26	Nov. 4
Callahan, D. H	617	—, 11	Jan. 14	Smith, Charles W	635	—, 22	Feb. 4
Clark, C. J	664	—, 10	Mar. 18	Snyder, W. A	661	—, 31	Mar. 9
Cosper, F. B	672	—, 15	Mar. 23	Sanders, Sewell	680	—, 11	Apr. 3
Cross, Daniel T	762	—, 5	July 19	Sutton, Samuel	696	—, 14	Apr. 25
Dieckhoff, Edward	713	—, 8	May 10	Short, Thomas	709	3, 8	May 4
De Laundy, David I	860	—, 14	Nov. 29	Snyder, John A	747	—, 20	June 25
Duane, H. M	878	—, 25	Dec. 17	Smith, R. S	782	—, 19	Aug. 23
Dumett, Clement	884	—, 12	Dec. 28	Spieseke, Oswin	815	—, 13	Sept. 20
Foley, Thomas	720	—, 11	May 25	Turner, R. A	659	—, 21	Mar. 6
Gilson, G. N	714	—, 21	May 11	Tinsley, Charles	763	—, 15	July 21
Granger, David	869	—, 16	Dec. 4	Van Tassell, Philip	648	—, 35	Feb. 13
Harkins, H	643	—, 17	Feb. 9	Van Tassell, William	800	—, 12	Sept. 6
Headland, William	658	—, 17	Mar. 5	Wickson, S. S	766	—, 17	July 24
Hodgson, Pearson	689	—, 7	Apr. 17	Wolford, Charles H	863	—, 15	Nov. 30
Hoyle, William	690	—, 18	Do.				
Harlow, L	692	—, 15	Apr. 19	*Chief engineers (inland).*			
Hale, William S	732	—, 13	June 5				
Holcomb, A. N	751	—, 14	June 29				
Haughton, John	788	—, 17	Aug. 28	Airey, Robert	655	—, 22	Mar. 1
Healy, Maurice	822	—, 6	Sept. 27	Atwell, Cyrus B	701	—, 9	Apr. 28
Hutton, John	875	—, 7	Dec. 11	Anderson, A. M	739	6, 6	June 16
Jackling, William B	841	—, 19	Oct. 28	Antone, Nicholas	769	—, 15	Aug. 4
Kummer, Arthur	623	—, 9	Jan. 16	Avery, James	773	—, 16	Aug. 7
Kelly, George	699	—, 23	Apr. 27	Anderson, Albert	785	—, 13	Aug. 26
King, Clarence	879	—, 14	Dec. 21	Anderson, A. A	817	5, 5	Sept. 21
Lord, H. C	712	—, 19	May 10	Allen, S. W	844	—, 15	Nov. 4
Ludlow, J. R	725	—, 10	May 31	Bardwell, W. S	602	—, 11	June 7
Law, William	757	—, 27	July 12	Biggs, Charles W	630	1, 2	June 26
Lent, George H	759	—, 16	July 17	Bowen, Charles A	651	—, 17	Feb. 18
Lawson, H. C	864	—, 19	Nov. 30	Baldwin, W. L	663	—, 14	Mar. 18
McCorkle, A. M	607	—, 19	Jan. 8	Butcher, Frederick	671	5, 7	Mar. 23
McLean, Frank	636	—, 23	Feb. 4	Beaulieu, George S	691	—, 16	Apr. 19
McGill, J	842	—, 22	Nov. 2	Bibbins, F. W	693	—, 10	Apr. 22
Mitchell, Thomas G	858	—, 10	Nov. 24	Breymen, Charles	694	—, 9	Apr. 24

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed—Seattle, Wash.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (inland)—Continued.			
Bergman, Peter	722	—, 12	May 28
Banks, William	745	—, 2	June 23
Bliss, Arthur	778	—, 9	Aug. 11
Bywater, W. M	786	—, 9	Aug. 28
Bogardus, W. H	796	5, 5	Sept. 3
Bitoux, Yves M. L	813	8, 8	Sept. 16
Burell, T	821	3, 5	Sept. 27
Bird, F. W	831	—, 10	Oct. 19
Bretland, Alfred L	850	2, 2	Nov. 11
Clemons, William	615	5, 5	Jan. 11
Coulter, Charles A	620	—, 14	Jan. 15
Corre, Frank	647	—, 15	Feb. 13
Cayo, Felix	662	—, 18	Mar. 10
Curtis, J. F	678	—, 13	Apr. 2
Case, O. A	705	—, 13	May 3
Campbell, William	708	—, 17	May 4
Clough, Edwin S	711	—, 11	May 9
Crandell, L. P	721	—, 12	May 27
Compton, T. H	727	—, 14	June 3
Colman, J. M	758	5, 6	July 14
Clough, W. H	801	4, 4	Sept. 7
Clough, E. G	806	—, 13	Sept. 11
Colman, George L	810	5, 5	Sept. 15
Cavender, J. H	836	6, 6	Oct. 22
Carr, Patrick	845	—, 9	Nov. 4
Cutler, Albert	848	7, 7	Nov. 6
Cox, William A	853	6, 8	Nov. 15
Compton, George M	867	5, 8	Dec. 3
Decker, Horace	608	4, 4	Jan. 8
Donaldson, J. J	646	—, 15	Feb. 12
Denny, Henry L	650	—, 22	Feb. 16
Davis, W. M	666	—, 17	Mar. 18
Douglass, John W	668	6, 7	Mar. 19
Danforth, Manly	673	—, 16	Mar. 24
Dumar, H. T	675	—, 11	Mar. 30
Denny, O. O	682	—, 20	Apr. 6
Davis, John C	697	—, 10	Apr. 27
Dodge, W. P	744	6, 6	June 23
Drew, Oscar	798	—, 13	Sept. 4
Davidson, William	805	6, 7	Sept. 10
Dealy, Richard M	818	—, 6	Sept. 23
Durgan, James	854	—, 24	Nov. 15
Delaney, C. E	862	—, 10	Nov. 30
Drury, J. R	866	—, 10	Dec. 2
Ellis, R. H	880	3, 6	Dec. 21
Forman, D. J	612	—, 16	Jan. 11
Fuller, Hiram	644	6, 6	Feb. 10
Follett, Charles S	677	—, 10	Apr. 2
Fishburn, William	686	5, 5	Apr. 8
Foss, Iver	706	2, 6	May 3
Fast, Axel	723	1, 5	May 28
Flint, Harry F	730	—, 8	June 4
Fox, Thomas J	737	5, 6	June 15
Farmer, Howard W	768	5, 5	Aug. 3
Fraser, A. M	787	—, 15	Aug. 28
Fairbairn, J. E	804	5, 5	Sept. 9
Farley, M. H	807	—, 14	Sept. 14
Fraser, Daniel	835	—, 13	Oct. 22
Finn, L. J	840	5, 7	Oct. 27
Fagan, John	877	—, 17	Dec. 17
Grinwald, C. H	613	—, 18	Jan. 11
Green, C. E	624	—, 9	Jan. 18
Grimsley, J. H	656	—, 13	Mar. 12
Griffiths, James	707	1, 2	May 4
Gates, W. W	716	—, 15	May 17
Goggins, William	734	5, 6	June 7
Guptill, Fred L	765	—, 11	July 25
Gard, Patrick	784	—, 12	Aug. 26
Grounds, Henry W	873	6, 6	Dec. 10
Hall, A. E	616	6, 6	Jan. 13
Hill, George W	653	—, 7	Feb. 24
Hansen, Ole L	667	2, 4	Mar. 19
Harrison, E. L	669	5, 5	Mar. 20
Hill, Lafayette M	676	6, 6	Mar. 30
Hughes, James A	733	3, 3	June 5
Hufman, Frank	735	—, 17	June 9
Hamblet, Alonzo	756	—, 14	July 6
Hunt, A. M	780	—, 9	Aug. 18
Hawley, F. L	789	—, 7	Aug. 28
Hiller, Samuel	857	4, 5	Nov. 24
Hicks, Charles	885	1, 1	Dec. 29
Johnson, Lewis A	665	—, 12	Mar. 18
Johnson, Andrew	795	8, 8	Sept. 3
Joslin, Frank	868	8, 8	Dec. 4
Kent, Henry H	603	—, 9	Jan. 7
Kingsbury, George A	606	4, 4	Jan. 8
Kerr, Alexander	684	7, 7	Apr. 6
Klovborg, N	754	—, 11	July 6
Kennedy, James	755	6, 8	Do.
Kashevaroff, William	761	—, 13	July 19
Kinsey, William L	791	—, 12	Sept. 2
Kennedy, J. H	797	—, 19	Sept. 4
King, William N	802	—, 11	Sept. 7
Keltie, David	847	8, 8	Nov. 5
Kent, William S	883	8, 8	Dec. 23
Landerkin, G. M	640	—, 11	Feb. 8
Lyons, William	645	—, 9	Feb. 10
Larsen, Soren	717	7, 7	May 19
Levake, A. S	748	—, 9	June 26
Laughlin, Mat	829	7, 7	Oct. 11
Lathbury, James	839	—, 14	Oct. 23
Lorenz, Otto	852	—, 9	Nov. 13
Leake, Irvin W	865	—, 11	Nov. 30
Mann, Frank	601	—, 9	Jan. 6
Madison, Frank	604	5, 5	Jan. 7
Marmont, W. A	605	—, 9	Jan. 8
Merrill, George E	618	—, 18	Jan. 14
McKenzie, William	625	6, 6	Jan. 18
Manning, A. H	633	—, 12	Jan. 29
McConnell, Alex	641	2, 4	Feb. 8
Mahan, William J	688	7, 7	Apr. 15
McCarrugher, Joseph	698	—, 16	Apr. 27
McKenzie, W. W	740	7, 7	June 17
McLeod, Robert	749	—, 8	June 29
Matthews, Lewis C	772	—, 12	Aug. 6
McCullough, Robert	779	7, 7	Aug. 16
Munson, J. K	794	7, 7	Sept. 3
Mosher, Charles A	812	—, 13	Sept. 16
Moran, Robert	827	3, 3	Oct. 8
McDowell, Matthew	833	—, 14	Oct. 19
Morrison, George B	859	7, 7	Nov. 27
McDowell, George A	876	2, 4	Dec. 11
Nelson, Horatio	654	—, 10	Mar. 1
Newman, Henry W	715	—, 12	May 14
Nelson, J. C	774	—, 11	Aug. 9
Noyes, A. M	777	5, 5	Aug. 11
O'Brien, William	781	4, 4	Aug. 19
Perring, N. C	626	—, 16	Jan. 21
Parker, William A	628	—, 9	Jan. 25
Preest, John	683	—, 18	Apr. 6
Peacock, William J	684	7, 7	Apr. 8
Peters, Harry B	703	2, 4	Apr. 29
Papst, C. A	718	8, 8	May 20
Peel, John	726	1, 2	June 2
Parks, L. G	731	6, 6	June 4
Pearson, J. W	760	—, 13	July 17
Pearce, Thomas	809	—, 23	Sept. 14
Peel, Louis	816	—, 13	Sept. 21
Peregoy, D. C	828	—, 20	Oct. 8
Pillow, Peter	830	—, 20	Oct. 19
Parks, George F	861	1, 5	Nov. 29
Robinson, Richard S	619	7, 7	Jan. 14
Rose, Perry S	621	1, 4	Jan. 15
Rounds, M	627	2, 2	Jan. 22
Rogers, Frank E	687	—, 18	Apr. 9
Reed, Roger	700	5, 5	Apr. 27
Sale, C. J. B	609	—, 14	Jan. 9
Schoff, Charles H	610	7, 7	Jan. 11
Sprague, Fred A	629	7, 7	Jan. 25
Short, Thomas	631	3, 3	Jan. 27
Smith, L. D	638	6, 6	Feb. 6
Sain, William T	649	5, 5	Feb. 15
Short, William M	657	6, 6	Mar. 5
Snyder, George A	660	1, 2	Mar. 9

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed—Seattle, Wash.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
Chief engineers (inland)—Continued.			
Still, Edwin	674	—, 16	Mar. 29
Searle, P. B	679	—, 13	Apr. 3
Smith, William A	695	—, 14	Apr. 24
Sain, Francis G	704	2, 3	May 1
Studdert, Hugh	728	6, 6	June 4
Smith, James	729	—, 14	Do.
Stone, E. B	738	2, 4	June 16
Sipple, Edward J	746	1, 3	June 24
Sewell, John R	752	6, 6	July 3
Swan, George G	753	—, 14	July 6
Simdurs, Otto	783	1, 2	Aug. 25
Simpson, W. P	793	—, 13	Sept. 3
Smith, James	814	8, 8	Sept. 16
Slater, G. W	819	7, 7	Sept. 24
Snyder, Samuel S	820	—, 10	Do.
Siggins, James	824	7, 7	Oct. 2
Stromberg, John A	825	6, 6	Oct. 4
Scott, J. W	834	7, 7	Oct. 19
Sperry, Charles B	846	—, 16	Nov. 5
Stanley, J. C	849	—, 13	Nov. 9
Snyder, E. A	855	5, 5	Nov. 19
Tucker, H. R	632	—, 12	Jan. 27
Trumbull, H. A	719	—, 9	May 24
Tew, Oren L	724	7, 8	May 31
Tanner, John E	743	6, 6	June 21
Torpey, A. A	750	—, 7	June 29
Tarte, John F	792	—, 16	Sept. 3
Trout, John	808	8, 8	Sept. 14
Thomas, Erskine	811	—, 12	Sept. 15
Thompson, Fred R	823	5, 5	Sept. 30
Thornton, H. M	838	—, 11	Oct. 23
Taylor, W. M	870	—, 11	Dec. 6
Vanwart, Edwin	871	8, 8	Do.
Womer, F. E	634	—, 11	Feb. 3
Wade, Herbert	639	6, 7	Feb. 8
Williams, C. H	670	5, 6	Mar. 22
Woolery, W. B	702	—, 15	Apr. 29
Wysong, Oty	710	—, 10	May 7
Wright, Charles W	736	—, 11	June 10
Weiss, W. E	741	5, 5	June 18
White, J. H	742	—, 11	Do.
Woods, Charles	764	—, 9	July 22
Williamson, J. T	770	7, 7	Aug. 4
Williamson, J. A	771	—, 12	Aug. 6
Wilson, James	775	2, 3	Aug. 10
Wilson, Henry	826	—, 14	Oct. 5
Williams, A. J	832	—, 18	Oct. 19
Williams, Ezra	874	—, 14	Dec. 11
West, John H	881	—, 21	Dec. 21
Zikmand, Frank	790	—, 10	Aug. 28
Zent, James A	872	6, 6	Dec. 10
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Allen, Joseph C	321	4, 4	Mar. 29
Axton, Charles W	349	—, 4	June 16
Barrows, Will A	305	—, 7	Jan. 15
Butler, L. A	336	5, 5	May 10
Billings, Grant	347	7, 7	June 16
Bywater, C. M	350	—, 15	June 17
Brown, Henry	355	5, 5	July 3
Bierseth, Nicholas	377	1, 5	Sept. 28
Cade, E. B	314	3, 3	Mar. 13
Compton, Bert	337	—, 14	May 14
Cavanaugh, R	388	5, 5	Oct. 5
Curtis, A. H	395	1, 1	Nov. 17
Dalton, Patrick	345	5, 6	June 7
Fletcher, H. W	364	1, 3	Aug. 9
Green, Wells	303	3, 3	Jan. 13
Goodell, Frank H	324	5, 5	Apr. 13
Hauke, Christ	329	—, 9	Apr. 24
Healey, Thomas B	375	—, 3	Sept. 23
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Hayne, Carl F	383	—, 4	Oct. 12
Johnson, Andrew	340	3, 3	May 27
Lavin, John	334	5, 6	May 5
Morgan, Francis A	333	1, 3	Apr. 30
Oliver, W. H	306	5, 5	Jan. 27
O'Connor, George L	307	3, 3	Do.
Overman, Evan	319	5, 5	Mar. 29
Peters, Charles J	313	4, 4	Mar. 11
Payette, George	320	5, 5	Mar. 29
Scott, Franklin K	309	3, 3	Feb. 1
Sanford, Marion	316	1, 1	Mar. 24
Sandell, Andrew P	397	2, 3	Dec. 9
Tarte, Alfred A	322	8, 8	Apr. 3
Whipple, C. H	311	2, 2	Feb. 9
Wadleigh, A. S	318	7, 7	Mar. 29
Williams, H. E	330	1, 2	Apr. 28
Wheeler, G. M	331	1, 1	Do.
Wilson, E. J	335	1, 1	May 6
Westerman, George	344	5, 5	June 7
Ward, Stephen F	365	7, 7	Aug. 14
Yerion, S. B	301	3, 3	Jan. 11
First assistant engineers (ocean).			
Downing, W. E	358	—, 6	July 23
Foley, Michael	9701	1, 3	Dec. 29
Halloran, John	396	—, 15	Nov. 24
Jones, Levin T., jr	315	—, 5	Mar. 22
Leech, John	367	—, 10	Aug. 23
Neill, George	382	1, 1	Oct. 12
Ryan, Alfred	323	6, 9	Apr. 8
Ryan, John C	378	—, 9	Oct. 1
Swanberg, J. F	391	1, 4	Oct. 27
Wyer, John	366	—, 6	Aug. 23
First assistant engineers (inland).			
Anderson, Frank O	304	4, 4	Jan. 14
Alling, W. C	370	2, 2	Sept. 11
Anderson, Fred	380	1, 1	Oct. 8
Brantigam, M. O	302	4, 4	Jan. 11
Bates, J. A	326	2, 2	Apr. 14
Burke, James E	327	3, 3	Apr. 16
Burell, Peter	338	3, 3	May 17
Burnham, Clarence	360	1, 1	July 27
Boyd, A. W	371	3, 3	Sept. 16
Bury, Ernest	372	2, 2	Sept. 20
Baatz, T. O	384	2, 2	Oct. 14
Burks, Irvin	392	1, 1	Nov. 9
Cadwalader, H. I	362	1, 1	July 31
Carpenter, George W	390	1, 1	Oct. 27
Crawford, Sherman L	393	1, 1	Nov. 12
Davis, John C	379	1, 1	Oct. 7
Gatter, Frank D	375	2, 2	Sept. 27
Gearing, Albert C	381	3, 3	Oct. 11
Hyde, Thomas B	339	1, 1	May 17
Huckleby, Frank	369	3, 3	Sept. 8
Keel, Jefferson	343	3, 3	June 5
Kellogg, E. E	357	1, 1	July 21
Kelly, E. B	376	—, 13	Sept. 28
Livingston, J. J	353	2, 2	June 23
Lahr, George W	363	5, 5	Aug. 6
Lorenz, C. O	399	1, 1	Dec. 20
McConnell, Samuel	332	2, 3	Apr. 29
Morck, William	341	1, 1	May 29
Moss, Bernard	351	—, 3	June 18
Martin, Owen	354	1, 1	June 24
Morgan, G	389	2, 2	Oct. 26
Palmer, Bert	398	—, 3	Dec. 16
Risser, Frank	352	3, 3	June 22
Richardson, R. E	361	3, 3	July 30
Roush, Louis	400	3, 3	Dec. 24
Smith, William A	317	2, 2	Mar. 27

Number of issue of current grade and the number of issues of all grades.

Engineers licensed—Seattle, Wash.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
First assistant engineers (inland)—Cont'd.			
Sharpnack, M. C	342	—, 14	May 29
Stewart, Eugene	368	1, 1	Aug. 31
Smith, John A	385	1, 1	Oct. 18
Weatherwax, B. M	348	2, 2	June 16
Wood, Robert	386	5, 5	Oct. 22
Second assistant engineers (ocean).			
De Stephano, Albert	312	1, 1	Mar. 6
Huf, Philip B	325	1, 1	Apr. 13
Parsons, Edward A	374	1, 3	Sept. 24
Second assistant engineers (inland).			
Harringer, Joseph	310	—, 7	Feb. 5
Third assistant engineers (ocean).			
Holmgren, Charles	308	2, 2	Jan. 28
Mitchell, J. A	346	3, 3	June 10
De Launay, Scott A	359	3, 5	July 27
Hanlon, William	356	—, 3	July 21
Tucker, G. W	394	1, 1	Nov. 13
Third assistant engineers (inland).			
Hamilton, William	328	6, 6	Apr. 22
Vincent, Selby	387	2, 4	Oct. 22
Special engineers.			
Coulter, James S	101	1	Aug. 31
Harrison, R. B	103	4	Oct. 14
Smith, R. W	104	1	Dec. 13
Utter, William A	102	1	Oct. 11

* Number of issue of current grade and the number of issues of all grades.

SECOND SUPERVISING DISTRICT.

LOCAL DISTRICT OF NEW YORK, N. Y.

Masters licensed during the year ended December 31, 1897—New York, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
Armour, A. V	A1275	1	Jan. 18
Archibald, Daniel B	A1373	2	Feb. 6
Armstrong, Richard W	A1417	1	Feb. 20
Achorn, A I	A1574	3	Mar. 23
Atkins, George N	A1713	9	Apr. 19
Ansell, John N	A1788	3	May 3
Albrecht, Franz	A2517	7	Sept. 9
Burland, John W	A1202	14	Jan. 2
Beckwith, George E	A1273	5	Jan. 18
Bermpohl, Henry	A1288	6	Jan. 20
Brandt, Charles	A1337	10	Jan. 28
Bjornebo, Jens A. J	A1465	4	Mar. 2
Bennett, Wesley	A1521	25	Mar. 16
Beynon, Henry L	A1547	2	Mar. 19
Bence, Edwin	A1586	6	Mar. 26
Boyce, Fred S	A1775	15	Apr. 30
Bloomsburgh, Robert	A1924	24	May 24
Bennett, James	A1957	3	May 27
Barrett, W. W	A2030	3	June 17
Beattie, James	A2129	12	June 25
Bradshaw, John	A2250	24	July 19
Beveridge, Hugh	A2318	5	Aug. 2
Broomhead, John A	A2334	4	Aug. 4
Bond, Robert	A2363	2	Aug. 10
Ballou, William H	A2385	10	Aug. 14
Birkhan, Charles	A2459	7	Aug. 27
Buck, E. P.	A2102	10	Sept 23
Baker, E. C	A2637	7	Sept. 30
Breen, Michael	A7876	7	Oct. 27
Bennett, William H	A7998	14	Nov. 29
Bull Oscar	A8066	10	Dec. 14
Cowell, John L	A1246	6	Jan. 14
Christensen, Albert	A1283	6	Jan. 19
Corning, Benjamin	A1649	9	Apr. 8
Clapp, R. C	A1688	2	Apr. 14
Cowell, John	A1712	14	Apr. 19
Clinkskel, James	A1719	7	Do.
Cote, Lewis	A1726	3	Apr. 20
Cameron, Charles	A1792	9	May 3
Cornehl, George	A1807	6	May 6
Coonan, William H	A1812	2	May 7
Curtis, James R	A1870	6	May 15
Corning, Frank W	A2016	1	June 7
Campling, H. W	A2076	1	June 16
Cooper, James H	A2301	18	July 29
Cates, Eugene W	A2445	15	Aug. 25
Caddell, Loren C	A2479	1	Sept. 1
Chambers, John	A2570	9	Sept. 18
Campbell, H. R	A2582	7	Sept. 20
Crosby, P. E	A2632	2	Sept. 29
Clendenning, Thomas	A7809	1	Oct. 14
Cushman, John F	A7954	5	Nov. 18
Crasso, John	A8007	1	Dec. 1
Crocker, Charles W	A8009	8	Dec. 2
Dunkerton, Thomas	A1265	5	Jan. 16
Deifosse, Edward	A1266	10	Do.
Dahlstedt, A. F	A1304	5	Jan. 22
Dillon, Robert	A1431	3	Feb. 23
Durant, W. W	A1511	4	Mar. 13
Dyer, Frank E	A1675	13	Apr. 13
Dick, George	A1718	6	Apr. 19
Deans, Thomas	A1913	2	May 24
Duck, F. J	A1914	2	Do.
Downs, Cleveland	A2130	10	June 25
Daggett, Josiah T	A2188	1	July 6
Delano, C. C	A2278	2	July 24
Dow, John C	A2344	12	Aug. 5
Dean, Harry	A2565	12	Sept. 17
Delano, Charles W	A2580	18	Sept. 21
Dann, John	A7831	6	Oct. 18
Dixon, Hiram	A8772	8	Oct. 26
Donnley, Peter	A7930	1	Nov. 12
Dunham, Jonathon W	A7983	1	Nov. 24
Decker, Cornelius V	A8023	4	Dec. 6
Dallas, Thomas P	A8087	5	Dec. 20
Evans, Thomas L	A1400	6	Feb. 16
Eagles, James C	A1536	3	Mar. 17
Evans, John	A1566	6	Mar. 23
Evald, Ernest	A8006	14	Dec. 1
Fisher, John H	A1370	8	Feb. 6
Freeman, Charles H	A1411	1	Feb. 18
Forbes, Alexander G	A1614	10	Apr. 1
Ferguson, Henry W	A1731	11	Apr. 21
Furst, Thomas T	A1989	6	Jan. 2
Fairfield, Edwin	A2625	7	Sept. 28
French, Charles A	A7937	1	Nov. 15
Furlong, Charles A	A7977	5	Nov. 23
Fay, Howard	A8099	10	Dec. 24
Grater, Harry	A1315	7	Jan. 23
Genn, Manley	A2041	11	June 10
Grant, William L	A2080	4	June 16
Gibson, Alfred C	A2112	10	June 22
Gaskill, John H	A2153	5	June 29
Griggs, Benjamin	A2361	24	Aug. 10
Gunter, Alfred	A2636	7	Sept. 30
Gage, Edwin N	A8058	3	Dec. 11
Harksen, Joseph H	A1244	14	Jan. 13
Hill, George A	A1365	9	Feb. 5
Heinke, Horst	A1383	7	Feb. 10
Higbee, Jonas E	A1389	2	Feb. 13
Harvey, John	A1551	5	Mar. 20
Holbert, Charles A	A1723	6	Apr. 20
Hansen, Alexander	A1757	16	Apr. 26
Hoyt, Benjamin F., jr.	A1786	9	May 3
Howes, William N	A1803	6	May 6
Healy, Patrick J	A1871	1	May 17
Hoge, Frederick L	A1889	1	May 19
Harstedt, William H	A1951	11	May 26
Hathaway, Robert H	A1996	7	June 2
Harvey, W. A	A2055	1	June 11
Hinman, Frank W	A2099	13	June 21
Hannah, William J	A2199	4	July 7
Holway, H. N	A2205	6	July 9
Haig, Alexander	A2296	2	July 28
Herd, John	A2333	4	Aug. 4
Hemson, Clarence	A2346	2	Aug. 5
Hopkins Warren M	A2374	16	Aug. 11
Hanlon, S. J	A2546	8	Sept. 13
Hoffman, Carl A	A2679	8	Oct. 7
Harrison, William H	A2680	9	Do.
Henderson, Frederick	A7821	19	Oct. 16
Hellberg, Frederick	A7849	8	Oct. 21
Hitchcock, James C	A7863	5	Oct. 26
Haake, Oscar	A7874	8	Oct. 27
Howes, Daniel W	A7959	5	Nov. 19
Hazard, William H., jr.	A8018	17	Dec. 4
Hall, Frank	A8071	11	Dec. 15
Houghton, Frank A	A8098	6	Dec. 24
Hansen, Christen	A8112	8	Dec. 29
Ibsen, George C. A	A1893	1	May 19
Irvine, E. T	A2100	4	June 19
Johnstone, Alan S	A1329	4	Jan. 27
Jamison, John C	A1353	6	Feb. 2
Jackson, Matthew	A1426	4	Feb. 23
Johansson August	A1470	11	Mar. 3
Johnson, George S	A1721	16	Apr. 19
Jordan, Frank	A2480	3	Sept. 1
Johnson, F. H	A2549	9	Sept. 15

Masters licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Jones, Humphrey	A7850	10	Oct. 21
Krause, Carl F. H	A1262	1	Jan. 16
Knight, F. B	A1390	1	Feb. 13
Koester, Henry	A1517	8	Mar. 15
Kendall, Charles S	A1522	6	Mar. 16
Kuhnast, George L. E	A1546	7	Mar. 19
Keyes, W. Stuart P	A1885	5	May 18
Kalhauge, S. V	A2358	2	Aug. 9
Krumsieck, J. H. F	A2484	3	Sept. 2
Kirkby, John	A2675	6	Oct. 6
Kay, Frederick S	A7900	3	Nov. 3
Kellerhouse, John	A8030	6	Dec. 7
Lightbourne, Joseph A	A1482	5	Mar. 6
Low, Horatio	A1504	6	Mar. 11
Lambert, E. B	A1694	1	Apr. 15
Larnie, Edwin F	A1981	4	June 1
Lynch, Daniel	A1988	4	June 2
Lynch, Henry	A2319	12	Aug. 2
Leighton, Thaddeus O	A2394	15	Aug. 16
Luce, George I	A2467	4	Aug. 30
Littlefield, Charles E	A2500	11	Sept. 7
Leidig, William C	A2529	4	Sept. 13
Legg, E. C	A2645	1	Oct. 1
Long, William	A7825	4	Oct. 16
Low, Philip B	A7950	12	Nov. 17
McIntyre, Isaac A	A1208	1	Jan. 4
Merithew, Jeremiah	A1297	3	Jan. 21
McLeod, James S. T	A1439	8	Feb. 24
Meakim, William	A1676	4	Apr. 13
McKenzie, Daniel	A1727	2	Apr. 20
Muesfeldt, Fred	A1735	2	Apr. 21
McLean, Walter L	A1781	1	May 1
McKenzie, John W	A1834	2	May 11
Millington, H. S	A1855	2	May 14
McDonald, George	A1946	8	May 26
McGray, A. N	A1977	5	June 1
Marsters, K. R	A2001	6	June 3
Marmion, John C	A2116	12	June 23
Morse, W. J	A2147	2	June 28
Mathisen, Charles	A2186	26	July 6
McIntyre, John	A2210	1	July 9
McDonald, Henry	A2341	1	Aug. 5
Marsden, Christopher	A2355	4	Aug. 6
McArthur, Charles	A2383	12	Aug. 13
Madison, George	A2388	2	Aug. 14
Morehouse, William A	A2420	2	Aug. 20
Macauley, Allan	A2481	4	Sept. 1
Mills, A. R	A2563	4	Sept. 17
MacKnight, Thomas M	A2640	5	Sept. 30
Moore, A. A	A2659	4	Oct. 2
Myer, F. H	A7878	5	Oct. 27
McIntosh, Charles E	A7879	2	Do.
Moeckler, C. E	A7894	9	Nov. 1
Mitchener, Harvey	A7957	2	Nov. 19
Morle, Montague H	A8015	1	Dec. 3
McDonall, James H	A8020	3	Dec. 6
McGillinay, James G	A8037	3	Dec. 7
Mitchell, George	A8096	6	Dec. 23
Norton, C. E	A2510	2	Sept. 8
Nugent, Richard McD	A2638	14	Sept. 30
Norregaard, Oscar	A8064	7	Dec. 13
Nielsen, Hans O	A8092	4	Dec. 21
Olendorf, Arnold L	A1948	6	May 26
Osborn, Ralph	A2190	4	July 6
Olson, Lars E. A	A7826	3	Oct. 16
Parker, Harry	A1282	11	Jan. 19
Petrie, Peter Conrad	A1419	10	Feb. 20
Proctor, Joseph W	A1873	5	May 17
Passow, F. M	A2256	3	July 20
Piland, John	A2324	6	Aug. 2
Porter, Leander H	A7817	4	Oct. 15
Peterson, Peter L	A7867	5	Oct. 26
Phillips, George F	A7908	2	Nov. 6
Porter, William B	A7918	4	Nov. 9
Patten, Alden	A8303	2	Nov. 17
Pearsons, Fred H	A7971	8	Nov. 22
Pearce, Edward	A8110	2	Dec. 28
Rossiter, Benjamin	A1245	9	Jan. 13
Robertson, A	A1321	6	Jan. 26
Ross, Charles E	A1323	2	Jan. 26
Reilly, Thomas	A1466	9	Mar. 2
Ryer, Foster	A1550	1	Mar. 19
Rulon, John C	A1605	9	Mar. 30
Ruton, Charles	A1697	25	Apr. 16
Rasmusson, Robert	A1725	5	Apr. 20
Reith, James	A2042	13	June 10
Rowland, Robert	A2044	7	Do.
Russell, Frederick W	A2338	15	Aug. 4
Riley, E. G	A2429	12	Aug. 23
Rogers, C. J	A2585	9	Sept. 21
Rogers, Joseph T	A2622	4	Sept. 27
Ryder, George M	A2650	10	Oct. 1
Roberts, William J	A2667	6	Oct. 4
Robbins, E. L	A2700	10	Oct. 13
Rockwell, C. O	A7829	9	Oct. 16
Ryder, F. C	A7864	9	Oct. 26
Reed, Josiah W	A7922	6	Nov. 9
Ross, Duncan S	A8081	9	Dec. 17
Randle, William G	A8068	7	Dec. 14
Rickmers, Peter C	A8075	4	Dec. 16
Sears, Obadiah B	A1227	9	Jan. 8
Stannard, William A	A1348	15	Feb. 1
Scott, James W	A1362	3	Feb. 4
Segrave, Thomas G	A1490	5	Mar. 8
Swift, Harry R	A1780	1	May 1
Smith, William A. P	A1856	3	May 14
Smith, Frank C. W	A1884	5	May 18
Sukeforth, G. E	A2002	12	June 3
Sewall, E. R	A2025	4	June 8
Skillings, John F	A2075	11	June 15
Sorenson, George	A2091	18	June 17
Stoney, Stephen	A2151	9	June 29
Seeley, George	A2168	2	July 1
Schive, H. F	A2177	3	July 2
Sanson, John W	A2178	6	Do.
Sweeney, L. C	A2191	2	July 6
Shaube, A. L	A2289	4	July 28
Staples, John M	A2382	7	Aug. 13
Stead, Thomas	A2414	8	Aug. 19
Stead, James	A2417	22	Aug. 30
Smith, S. D	A2491	7	Sept. 7
Sheldrake, Richard	A2682	6	Oct. 7
Schoonmaker, Walter	A7846	6	Oct. 21
Smith, James D	A8036	2	Dec. 7
Turner, T. J	A1380	3	Feb. 9
Tremper, J. N	A1610	10	Mar. 31
Townsend, Henry L	A1763	2	Apr. 28
Tapley, Robert E	A2019	4	Jun. 7
Thompson, William T	A2083	7	Jun. 16
Turner, F. E	A7914	5	Nov. 9
Thomson, A. G	A7923	2	Nov. 11
Thompson, Willis M	A7972	6	Nov. 23
Turner, James	A7988	9	Nov. 26
Thomas, Charles W	A7996	1	Nov. 27
Van Gelder, Frank	A1703	3	Apr. 16
Van Cott, William S	A7813	7	Oct. 14
Watts, James	A1425	2	Feb. 23
Wetherell, James	A1445	6	Feb. 26
Woolsey, Alzamora	A1622	12	Apr. 2
Willett, William M	A1702	8	Apr. 16
Wolcott, George T	A1746	19	Apr. 23
Williams, John	A1806	4	May 6
Willson, George	A1809	9	May 6
Webster, Charles T	A1923	5	May 24
Wider, E. H	A1983	1	June 1
Walling, James S	A2098	12	June 19
Wayland, John A	A2262	3	July 21
Willis, James	A2263	14	Do.
Woodrick, William	A2456	15	Aug. 27
Williams, Frederick H.	A2528	7	Sept. 11
Warngren, Frederick	A2550	4	Sept. 15
Watkins, Frederick	A2626	4	Sept. 28
Whitney, Henry	A8024	5	Dec. 6
Wallis, Francis M	A8634	12	Dec. 7
Young, Peleg H	A1544	1	Mar. 18
Young, George	A1829	5	May 10
Young, V. E	A2533	4	Sept. 13

Masters and pilots licensed during the year ended December 31, 1897—New York, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
Arvidson, Albin	A1235	3	Jan. 12
Allen, George D	A1269	15	Jan. 18
Allen, S. J	A1272	16	Do.
Appleby, William P	A1311	24	Jan. 23
Arvidson, John A	A1327	2	Jan. 27
Ahlers, John H	A1341	19	Jan. 29
Allison, S. M	A1374	8	Feb. 6
Anderson, Gustav	A1538	14	Mar. 17
Allen, James	A1567	14	Mar. 23
Anthony, John H	A1582	22	Mar. 24
Avery, Fred G	A1654	8	Apr. 9
Anderson, John	A1707	9	Apr. 17
Anthony, Peter L	A1759	9	Apr. 26
Adler, Anton	A1764	11	Apr. 28
Allen, Charles H	A1879	18	May 18
Applegate, J. P	A1892	18	May 19
Aldrich, William H	A1900	3	June 2
Armstrong, R. J	A1995	18	Do.
Arata, Angelo J	A2152	25	June 29
Arnold, George	A2232	24	July 15
Aspinwall, J. A	A2243	21	July 17
Allen, John B	A2273	10	July 23
Arey, H. R	A2332	7	Aug. 4
Anderson, H. O	A2426	11	Aug. 21
Ackerly, Noah P.	A2474	8	Aug. 31
Atkins, Aaron E	A2487	24	Sept. 3
Abrams, S. A	A2506	11	Sept. 8
Aumack, Charles K	A2530	18	Sept. 13
Allen, George D	A2542	11	Sept. 14
Arena, Antonio	A2545	10	Do.
Atkinson, S. B	A2558	6	Sept. 16
Atwell, Frederick A	A2628	19	Sept. 28
Allen, Nelson B	A7895	10	Nov. 1
Androvett, Daniel	A8013	23	Dec. 3
Allen, William H	A8014	5	Do.
Ahlers, John R	A8053	16	Dec. 10
Allen, Sereno G	A8059	8	Dec. 11
Ayre, Robert	A8103	2	Dec. 27
Ackerman, William	A8109	9	Dec. 28
Beaupre, Edward	A1230	8	Jan. 11
Bernard, Walter J	A1233	4	Do.
Bengtson, Hans P	A1250	3	Jan. 15
Brandow, Walter	A1254	22	Do.
Betts, John	A1261	17	Jan. 16
Bunnell, Grant	A1276	5	Jan. 18
Brooks, Elias G	A1299	10	Jan. 21
Baker, Stephen	A1314	28	Jan. 23
Butler, F. A	A1324	16	Jan. 26
Betts, Henry E	A1330	6	Jan. 27
Bowman, William F	A1334	9	Do.
Bowman, L. A	A1335	6	Jan. 28
Brodhead, Frederick K	A1345	9	Jan. 30
Brewster, J. W	A1349	9	Feb. 1
Beers, James R	A1363	14	Feb. 4
Blakeman, Alfred	A1367	21	Feb. 6
Branagan, William	A1372	12	Do.
Barton, Thomas	A1379	7	Feb. 8
Barrett, William B	A1381	13	Do.
Bradley, Charles P	A1422	14	Feb. 20
Bell, F. W	A1442	15	Feb. 25
Benjamin, William P	A1444	4	Feb. 26
Bloodgood, Lewis	A1450	20	Feb. 27
Benjamin, A. B	A1456	11	Do.
Bieling, Robert	A1461	4	Mar. 1
Brewster, Charles S	A1475	11	Mar. 5
Brandow, Charles	A1485	32	Mar. 8
Bartow, E. W	A1486	16	Do.
Burns, James	A1494	23	Mar. 10
Breitfeld, Peter N	A1508	11	Mar. 12
Bagger, H. A	A1512	12	Mar. 13
Branagan, Frank	A1514	10	Mar. 15
Burley, Joseph	A1526	23	Mar. 16
Briggs, Allison	A1530	26	Do.
Barstow, H. W	A1532	9	Mar. 17
Brickley, William C	A1539	17	Do.
Boyd, John S	A1569	14	Mar. 23
Brundage, Thomas S	A1572	17	Do.
Bailey, Robert	A1573	8	Do.
Braisted, J. L	A1598	17	Mar. 29
Bishop, Joshua	A1611	42	Mar. 31
Benthling, Julius	A1627	8	Apr. 5
Beckwith, Joseph	A1643	13	Apr. 7
Blake, Henry	A1644	8	Do.
Buckley, Michael F	A1674	11	Apr. 12
Brackin, John	A1683	8	Apr. 15
Burger, E. James	A1717	33	Apr. 19
Bogart, Frank C	A1724	10	Apr. 20
Brigge, Neils M	A1732	11	Apr. 21
Beckwith, S. T	A1734	16	Do.
Barry, William J	A1752	1	Apr. 24
Brown, Charles H	A1769	9	Apr. 29
Bishop, John H	A1777	6	Apr. 30
Byers, James	A1800	17	May 5
Brown, George H	A1811	19	May 7
Borden, John W	A1815	5	May 8
Burns, Frank P	A1874	17	May 17
Bush, Edward	A1880	13	May 18
Barrett, H. P	A1902	8	May 21
Burns, John W	A1903	18	May 22
Barker, William	A1904	15	Do.
Burbank, John	A1911	24	Do.
Brewster, Charles	A1920	7	May 24
Bayles, Samuel H	A1935	10	May 25
Blasland, Fred R	A1944	12	May 26
Bridges, William	A1963	12	May 28
Brooks, E. A	A1973	16	June 1
Baker, Jeremiah	A1975	15	Do.
Bernhardt, E. W	A1987	7	Do.
Brandow, John A	A1993	24	June 2
Bonker, William C	A2011	15	June 5
Beckwith, George M	A2013	10	June 7
Boyd, John N	A2017	9	Do.
Byxbee, Frederick L	A2023	15	June 8
Bohlen, Henry	A2030	8	Do.
Bush, John C	A2031	11	Do.
Bishop, George	A2039	14	June 10
Bohlen, Andrew	A2054	13	June 11
Brooks, R. B	A2055	23	June 14
Borries, August	A2085	5	June 17
Begley, Edward	A2094	15	June 18
Beebe, Henry	A2095	15	Do.
Briggs, Grove S	A2111	16	June 22
Bunker, H. G	A2113	19	Do.
Barrett, De Witt	A2134	2	June 27
Beebe, W. W	A2160	12	June 29
Boaz, R. B	A2166	21	June 30
Bentley, S. V. P	A2174	21	July 1
Baker, William H	A2189	15	July 6
Brundage, James T	A2213	16	July 10
Buckhout, William	A2219	10	July 12
Burdick, Benjamin L	A2235	17	July 16
Bolan, T. W	A2253	15	July 20
Burns, John A	A2266	22	July 22
Brandow, Warren	A2285	12	July 26
Bowen, C. M	A2286	18	July 27
Blair, William A	A2295	5	July 28
Byxbee, Charles S	A2316	15	Aug. 2
Burrows, John H	A2329	16	Aug. 3
Barrett, R. J	A2330	17	Aug. 4
Byrne, Harry J	A2366	15	Aug. 10
Bunce, C. M	A2369	10	Aug. 11
Briggs, Theodore B	A2378	21	Aug. 12
Beckwith, James M	A2387	20	Aug. 14
Briggs, M. K	A2389	28	Aug. 16
Brower, James H	A2393	15	Do.
Brooks, Charles M	A2403	23	Aug. 18
Burns, James F	A2413	6	Aug. 19
Bemis, Henry	A2425	4	Aug. 21
Bryan, George W	A2435	12	Aug. 23
Braisted, Abraham	A2461	26	Aug. 28
Baker, Morris	A2465	13	Aug. 30
Briggs, John E	A2468	9	Do.
Brown, John W	A2497	12	Sept. 7
Buckhout, L. D	A2498	16	Do.
Brow, George E	A2504	14	Sept. 8
Bacon, William	A2511	10	Do.
Butler, H. C	A2515	19	Sept. 9
Beatty, George W	A2522	13	Sept. 10
Byfield, Frederick	A2557	12	Sept. 16
Brainard, William P	A2560	30	Do.
Briggs, Frealon	A2567	16	Sept. 18
Blanch, Edward	A2581	6	Sept. 20

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Blix, Lewis W	A2595	15	Sept. 22
Bloomer, Isaac	A2609	19	Sept. 24
Bargy, G. M	A2610	8	Do.
Bloomer, C. A	A2618	20	Sept. 27
Bowman, E. A	A2633	11	Sept. 30
Burton, John J	A2635	13	Do.
Bearse, Henry A	A2654	24	Oct. 1
Bayles, E. E	A2660	11	Oct. 2
Bush, Nicholas	A2664	14	Oct. 4
Bullock, Sheldon	A2674	35	Oct. 5
Bishop, Elbert F	A2677	11	Oct. 6
Betts, F. W	A2689	20	Oct. 9
Brandow, Edwin	A2692	24	Do.
Bouton, William H	A2695	16	Oct. 11
Bartlett, Sylvanus L	A7811	18	Oct. 14
Baird, John	A7816	15	Oct. 15
Branagan, C. T	A7824	13	Oct. 16
Bunn, Ellis	A7836	13	Oct. 19
Brown, John	A7841	19	Oct. 20
Burns, Patrick	A7845	18	Oct. 21
Baird, R. J	A7851	13	Do.
Brown, Thomas	A7862	6	Oct. 25
Braley, A. D	A7869	25	Oct. 26
Barker, George R	A7887	17	Oct. 29
Boehm, John	A7889	17	Do.
Bruder, Charles H	A7893	11	Nov. 1
Bennett, William	A7909	23	Nov. 8
Bender, Philip P	A7912	16	Nov. 9
Brown, William	A7921	15	Nov. 10
Burns, Felix	A7941	17	Nov. 15
Bradley, Ambrose	A7944	20	Do.
Beers, W. Leroy	A7951	11	Nov. 17
Brinkerhoff, Cornel's H	A7960	24	Nov. 19
Baldwin, George	A7961	16	Do.
Berry, George W	A7967	15	Nov. 22
Bunt, Nevins N	A7975	18	Nov. 23
Barnes, George F	A7981	10	Nov. 24
Bockoven, George M	A7990	24	Nov. 26
Biddulph, Joseph A	A8000	12	Nov. 29
Barker, Edgar H	A8027	17	Dec. 6
Bassett, Joseph W	A8039	12	Dec. 8
Bauer, Jacob	A8040	16	Do.
Byrnes, William	A8044	16	Do.
Bullinger, Charles E	A8045	332	Dec. 9
Bede, Martin	A8046	2	Do.
Baker, Eleazer	A8080	18	Dec. 17
Barstow, John E	A8085	10	Dec. 20
Bozeth, T. H	A8078	11	Dec. 16
Baulsir, John N	A8093	24	Dec. 21
Branagan, John	A8095	19	Dec. 22
Baker, William F	A8106	21	Dec. 27
Brandow, George	A8107	27	Do.
Baldwin, Elias B	A8111	29	Dec. 28
Birdsall, Bergen	A8116	7	Dec. 30
Cazer, William	A1215	6	Jan. 4
Craven, William H	A1235	15	Jan. 8
Cooper, J. N	A1238	17	Jan. 12
Crossley, W. W	A1242	3	Jan. 13
Coleman, John J	A1249	13	Jan. 15
Corbett, John H	A1290	6	Jan. 20
Cubberly, Daniel M	A1303	10	Jan. 22
Connors, William	A1306	20	Do.
Cantain, Samuel S	A1313	25	Jan. 23
Cameron, David	A1352	6	Feb. 2
Coleman, M. J	A1398	12	Feb. 15
Cordsen, Christopher	A1420	4	Feb. 20
Cook, Joel A	A1433	26	Feb. 24
Collyer, Moses W	A1449	14	Feb. 27
Castle, Charles H	A1459	7	Mar. 1
Clark, R. M	A1484	15	Mar. 6
Crockett, Frank P	A1488	14	Mar. 8
Colville, George H	A1489	19	Do.
Chambers, William H	A1492	12	Mar. 9
Churchill, John S	A1506	11	Mar. 11
Crimmins, P. J	A1516	6	Mar. 15
Cox, James A	A1519	17	Do.
Costello, Michael	A1527	14	Mar. 16
Chadwick, Joseph P	A1535	8	Mar. 17
Carpenter, Howard J	A1552	10	Mar. 20
Corson, James B	A1559	10	Mar. 22
Callaway, Edward	A1587	19	Mar. 26
Carr, E. P	A1594	7	Mar. 27
Collins, George L	A1597	9	Do.
Creighton, D. M	A1606	10	Mar. 30
Conway, Ambrose	A1620	12	Apr. 2
Cox, William, jr	A1630	15	Apr. 5
Clary, Harry F	A1639	11	Apr. 6
Coon, Alexander	A1652	27	Apr. 9
Campbell, Grant	A1657	11	Do.
Clark, George	A1669	18	Apr. 12
Corey, James H	A1679	3	Apr. 13
Craig, W. N	A1682	10	Apr. 14
Coffey, Thomas P	A1733	13	Apr. 21
Cassidy, Hugh	A1738	17	Apr. 22
Carpenter, E. D	A1755	15	Apr. 26
Clark, Jesse H	A1761	4	Do.
Cunningham, Wm. H	A1799	15	May 5
Crabbe, Cyrus E	A1814	18	May 7
Conner, Henry P	A1818	10	May 8
Cann, John W	A1830	14	May 10
Clausen, Claus	A1833	6	May 11
Coffey, Daniel J	A1840	10	Do.
Cherry, Peter	A1843	14	Do.
Conlen, Timothy	A1846	5	May 12
Clark, Charles H	A1859	17	May 15
Cook, A. J	A1878	8	May 18
Carman, Edward	A1882	25	Do.
Conklin, William	A1888	14	May 19
Corwin, James B	A1936	17	May 25
Coleman, Blake W	A1945	23	May 26
Coley, George	A1958	9	May 27
Clarke, G. F	A1967	13	May 29
Cameron, John	A1972	11	Do.
Chase, H. M	A1976	18	June 1
Church, John	A1991	19	June 2
Cole, Benjamin A	A2009	12	June 5
Chadwick, Joseph P	A2015	31	June 7
Conway, Thomas J	A2018	3	Do.
Collyer, F. F	A2037	14	June 10
Cox, William	A2038	32	Do.
Colter, Thomas	A2096	15	June 18
Carter, Charles M	A2097	8	Do.
Collyer, Robert	A2118	10	June 23
Chipman, H. T	A2138	15	June 26
Conway, James M	A2142	4	June 28
Curtis, Wm. H. H	A2172	8	July 1
Carpenter, George F	A2187	21	July 7
Corwin, Seth	A2192	15	Do.
Conner, James H	A2195	13	July 7
Carley, James F	A2201	10	Do.
Church, John	A2203	25	July 8
Cochrane, James	A2209	15	July 9
Clark, William H. H	A2223	26	July 13
Cole, Charles L	A2230	20	July 15
Cobb, Winfred B	A2238	10	July 16
Clark, William R	A2245	25	July 17
Camp, Frederick A	A2247	20	July 19
Cox, John S	A2255	18	July 20
Callister, Thomas B	A2264	18	July 22
Cook, James T	A2270	16	Do.
Cochran, William	A2274	11	July 23
Courtney, E. J	A2310	15	July 31
Cole, William	A2313	12	Aug. 2
Cavan, George	A2349	18	Aug. 6
Curran, John	A2350	16	Do.
Coster, F. J	A2379	17	Aug. 13
Clinton, James A	A2451	19	Aug. 26
Churchill, Thomas	A2475	18	Aug. 31
Crossman, James A	A2486	17	Sept. 3
Cranmer, Joseph A	A2503	7	Sept. 8
Conway, Peter	A2508	9	Do.
Conner, A. B	A2513	17	Sept. 9
Chase, George F	A2546	14	Sept. 14
Catherine, Theodore	A2578	16	Sept. 20
Cole, George E	A2586	10	Sept. 21
Chichester, Ira K	A2601	25	Sept. 23
Collins, John P	A2631	19	Sept. 29
Colter, John R	A2639	3	Sept. 30
Chase, Daniel C	A2651	20	Oct. 1
Calhoun, Charles R	A2662	2	Oct. 2
Crowell, H. H	A2665	11	Oct. 4
Cramer, Samuel B	A2670	15	Oct. 5

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Conine, Charles J	A7812	19	Oct. 14
Carty, James W	A7858	4	Oct. 25
Collins, John B	A7871	7	Oct. 26
Colton, Thomas	A7881	22	Oct. 28
Clark, O. A	A7885	20	Do.
Carroll, Frank	A7888	16	Oct. 29
Cushing, John A. R	A7929	4	Nov. 12
Conine, Eli B	A7955	22	Nov. 18
Crowley, Orin W	A7978	5	Nov. 23
Crawford, Edward	A7984	7	Nov. 24
Coogan, W. Frederick	A8003	16	Nov. 30
Cross, James J	A8004	7	Do.
Coles, Samuel	A8025	10	Dec. 6
Craig, James	A8028	12	Do.
Cunningham, Robert H	A8031	10	Dec. 10
Cunningham, Edward	A8056	12	Dec. 11
Culver, Robert C	A8063	3	Dec. 13
Charlton, George T	A8091	8	Dec. 20
Callahan, Francis	A8094	14	Dec. 21
Corrigan, Daniel F	A8113	7	Dec. 29
Dillon, John G	A1206	11	Jan. 2
De Groff, William	A1223	15	Jan. 8
Dodd, William A	A1231	14	Jan. 11
Davies, William	A1236	24	Jan. 12
Deats, Edwin O.	A1237	27	Do.
De Puy, Melvin	A1274	18	Jan. 18
Dumont, A. T	A1331	27	Jan. 27
Dimmers, Joseph	A1361	11	Feb. 4
Deats, Charles	A1366	18	Feb. 5
Deming, H. R	A1377	20	Feb. 8
Divine, Patrick	A1435	12	Feb. 24
Daly, Michael J	A1454	5	Feb. 27
Dove, Jacob	A1476	7	Mar. 5
Dick, Philip	A1487	23	Mar. 8
Decker, James F	A1498	7	Mar. 10
Davids, Ellis	A1563	23	Mar. 23
Deede, N. H	A1613	11	Apr. 1
Detzel, Peter	A1634	24	Apr. 6
Deming, George E	A1705	29	Apr. 17
Doust, E. A	A1722	4	Apr. 19
Davis, Walter N	A1813	2	May 7
Davis, S. W	A1835	16	May 11
Drake, Jacob B	A1839	17	Do.
Dreis, Richard	A1845	12	May 12
Donovan, Oliver W	A1849	8	Do.
Day, Abel P	A1886	5	May 18
Dole, Ira E	A1912	16	May 22
Davis, Joseph W	A1918	8	May 24
Deats, James R	A1947	7	May 26
Dwyer, John F	A1959	7	May 28
Degroot, R. P	A1982	18	June 1
Davenport, Charles S	A2012	14	June 5
Dayton, Edwin	A2073	21	June 15
Davis, Joseph P	A2074	18	Do.
Dawson, John J	A2101	12	June 21
Downer, Abner	A2125	31	June 24
Darling, Charles F	A2133	13	June 26
Devendorf, Sanford B	A2137	17	Do.
Dougherty, Daniel J	A2148	16	June 28
Downer, E. J	A2155	28	June 29
Deacon, M. F	A2159	12	Do.
Damers, John	A2163	6	June 29
Deming, George E., jr	A2200	10	July 7
Daly, John	A2233	8	July 15
Daniels, James	A2241	18	July 16
Davis, S. H	A2260	12	July 21
Diefenbach, J. C	A2268	21	July 22
Donovan, Timothy	A2299	15	July 29
Dreyer, T. L	A2327	8	Aug. 3
Davis, S. H	A2371	13	Aug. 11
Doyle, B. E	A2401	13	Aug. 17
Durie, James	A2407	7	Aug. 18
Dearstyne, Paul	A2428	11	Aug. 23
Dann, Nicholas	A2434	17	Do.
Durham, William	A2439	18	Aug. 24
Dayton, Sereno T	A2443	10	Aug. 25
Demmary, John R	A2448	14	Aug. 26
De Noyelles, Levi L	A2464	26	Aug. 30
Davis, Charles W	A2469	9	Aug. 31
Deming, George	A2526	15	Sept. 11
Doyle, Byron	A2569	28	Sept. 18
Duffy, John	A2616	18	Sept. 25
Davis, A. J	A2619	29	Sept. 27
Delamater, George W	A2630	7	Sept. 28
Douglass, John	A2663	24	Oct. 4
Davis, Baylies	A2671	25	Oct. 5
Day, O. G	A2683	15	Oct. 8
Day, F. T	A2694	25	Oct. 11
De Nyse, Henry C	A7804	20	Oct. 13
Downs, Thomas J	A7843	4	Oct. 20
Day, John J	A7913	27	Nov. 9
Dailey, John B	A7928	19	Nov. 12
Deakyne, E. H	A7933	20	Nov. 13
Delaney, James	A7962	19	Nov. 20
Dunbar, Charles	A7968	22	Nov. 22
Dumont, Tom	A8017	16	Dec. 4
Deming, William H	A8026	24	Dec. 6
Dolan, Lawrence	A8086	12	Dec. 20
Davis, James E	A8067	13	Dec. 14
Drake, Charles E	A8074	21	Dec. 15
Derby, Peter	A8077	4	Dec. 16
De Noyelles, Daniel	A8101	18	Dec. 24
Downing, Edward P	A8119	19	Dec. 31
Everett, Charles P	A1212	6	Jan. 4
Eiseman, William	A1229	16	Jan. 7
Eldridge, William H	A1307	6	Jan. 23
Eldridge, Robert B	A1319	25	Jan. 25
Ellis, James	A1375	18	Feb. 8
Emmons, James G	A1491	22	Mar. 8
Edgett, William H	A1747	3	Apr. 23
Earls, George	A1766	16	Apr. 28
Emmons, John W	A1861	19	May 15
Ellis, R. B	A1974	12	June 1
Edwards, John W., jr	A2033	8	June 9
Eneas, Albert A	A2126	17	June 24
Ellis, Charles A	A2154	6	June 29
Eldridge, James	A2198	15	July 7
Early, Thomas	A2202	9	Do.
Eldridge, E. L	A2325	5	Aug. 3
Evans, Joseph L	A2390	9	Aug. 16
Eldridge, R. A	A2400	17	Aug. 17
Edwards, Porter	A2423	7	Aug. 21
Edwards, Hiram	A2438	9	Aug. 24
Edwards, Amandus	A2535	4	Sept. 13
Eaves, Colin S	A2590	8	Sept. 21
Elkins, Alexander	A2620	14	Sept. 27
Easton, R. J	A2634	8	Sept. 30
Evans, William F	A7830	15	Oct. 18
Edwards, H. B	A7857	14	Oct. 23
Erickson, Frank	A7945	7	Nov. 16
French, W. S	A1234	5	Jan. 12
Freeman, H. R	A1287	20	Jan. 19
Forsyth, Alexander J	A1302	8	Jan. 22
Franklin, John	A1308	17	Jan. 23
Fagan, James, jr	A1328	15	Jan. 27
Ford, William G	A1355	10	Feb. 2
Falion, James R	A1384	18	Feb. 10
Ferris, Andrew	A1388	11	Feb. 11
Francisco, R. F	A1397	17	Feb. 15
Flannery, John J	A1409	9	Feb. 18
Fitzgerald, Michael	A1410	17	Do.
Forbes, Joseph P	A1413	29	Do.
Floyd, Wellington W	A1423	1	Feb. 20
Foley, Patrick	A1428	13	Feb. 23
Felver, Samuel F	A1555	25	Mar. 20
Foster, Thomas N	A1581	12	Mar. 25
Fairchild, Samuel G	A1596	2	Mar. 27
Flannery, James T	A1616	6	Apr. 1
Fitzgerald, Robert	A1617	14	Do.
Fernald, S. D	A1618	27	Do.
Finnerty, Edward	A1637	9	Apr. 6
Frank, Nicholas	A1668	22	Apr. 12
Feeney, James	A1742	19	Apr. 22
Floyd, Thomas R	A1743	8	Apr. 23
Froehlich, Charles	A1773	14	Apr. 29
Farrell, Thomas N	A1793	15	May 4
Foster, Albert G	A1823	17	May 10
Ford, Joseph P	A1836	4	May 11
Fountain, John G	A1852	27	May 13
Fountain, John B., jr	A1865	9	May 17
Flood, Theodore D	A1876	22	May 18
Fielder, Benjamin	A1925	13	May 24

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Name.	No. of license.	No. of issue.	Date of issue.
Fritzer, Henry	A1933	22	May 25
Ferdon, John	A1992	14	June 2
Frear, Elting	A2008	16	June 4
Fickett, Arthur C	A2051	7	June 11
Fields, Horace	A2067	16	June 15
Frost, Richard	A2122	10	June 23
Flynn, William	A2173	10	July 1
Fletcher, Joseph	A2225	7	July 13
Freston, Thomas	A2279	16	July 24
Flannery, John	A2309	14	July 31
Fish, William A	A2311	17	Aug. 2
Foster, Charles	A2340	25	Aug. 5
Flannery, William H	A2345	4	Do.
Flynn, Charles	A2365	3	Aug. 10
Fenlon, Thomas	A2397	8	Aug. 17
Fanning, E. Olin	A2398	18	Do.
Fish, William E	A2432	10	Aug. 23
Freligh, Solomon H	A2516	35	Sept. 9
Flood, Charles A	A2573	7	Sept. 18
Farrell, William	A2577	32	Sept. 20
Foland, Charles	A2588	18	Sept. 21
Fish, Henry C	A2597	22	Sept. 22
Farley, John E	A2676	17	Oct. 6
Finger, Henry L	A7924	14	Nov. 11
Francisco, George N	A7938	9	Nov. 15
Fulton, Alexander P	A7952	15	Nov. 17
Fuller, Albert G	A8041	21	Dec. 8
Fori, John J	A8102	15	Dec. 27
Gibson, George W	A1211	3	Jan. 4
Gedney, William H	A1293	15	Jan. 20
Gallagher, James A	A1309	12	Jan. 23
Garrett, John	A1378	16	Feb. 8
Griffin, O. C	A1407	18	Feb. 18
Gibson, John	A1452	17	Feb. 27
Gannon, John	A1464	9	Mar. 2
Gates, Charles A	A1469	28	Mar. 3
Gibson, John	A1513	20	Mar. 15
Golden, John	A1533	15	Mar. 17
Glasser, Harry	A1629	4	Apr. 5
Gaines, Charles	A1653	14	Apr. 9
Gegg, Henry W	A1656	12	Do.
Gibbs, Seth D	A1664	13	Apr. 10
Green, Seaman	A1678	14	Apr. 13
Grace, Patrick	A1691	24	Apr. 15
Grant, Daniel J	A1728	12	Apr. 21
Griffing, W. F	A1740	9	Apr. 22
Gillin, P. M	A1753	6	Apr. 24
Gibbs, Charles I	A1802	11	May 6
Gabrielsen, August	A1804	5	Do.
Geasa, William	A1896	19	May 19
Gully, John	A1898	28	May 20
Golden, Isaac	A1938	11	May 25
Gardner, Joseph A	A2066	14	June 14
Groce, Melzar	A2068	16	June 15
Gallagher, Charles	A2092	10	June 17
Griffing, George E	A2140	7	June 28
Gross, Loring H	A2197	17	July 7
Gorham, W. S	A2212	17	July 10
Goodridge, John C., jr.	A2237	17	July 16
Griffin, Sylvester	A3239	23	Do.
Goldsmith, William F	A2280	10	July 24
Grimes, William	A2287	10	July 27
Gully, John	A2321	12	Aug. 2
Garvin, James S	A2336	7	Aug. 4
Gifford, J. W. M	A2370	25	Aug. 11
Green, George W	A2372	10	Do.
Geer, Erastus	A2462	25	Aug. 21
Gedney, William L	A2488	10	Sept. 4
Glover, H. H	A2531	18	Sept. 13
Gove, A. E	A2538	17	Do.
Gorman, William A	A2544	10	Sept. 14
Garrett, James E	A2613	8	Sept. 24
Goldsmith, S. K	A2642	19	Oct. 1
Green, James	A2698	14	Oct. 12
Gibbs, A. C	A7808	14	Oct. 14
Gilkinson, John H	A7834	22	Oct. 18
Greenwood, George	A7866	12	Oct. 26
Grace, I. P	A7898	5	Nov. 1
Grutches, Jervis	A7976	26	Nov. 23
Gibbons, John	A8003	13	Dec. 1
Gerry, Elbridge T	A8008	15	Do.
Godfrey, N. W	A8118	14	Dec. 31
Holden, Wyckoff	A1216	14	Jan. 5
Hallock, Vincent	A1218	8	Jan. 6
Hillary, Niles	A1219	17	Do.
Hudson, Albert N	A1220	5	Do.
Horton, William O	A1239	11	Jan. 12
Hyde, Ardent	A1258	10	Jan. 16
Harm, Louis	A1268	4	Jan. 18
Hartz, John	A1271	9	Do.
Hickmann, A. L	A1278	14	Do.
Hall, Stephen S	A1281	13	Jan. 19
Hunter, Robert	A1317	20	Jan. 25
Huntley, L. E	A1332	12	Jan. 27
Hegeman, John R., jr	A1343	5	Jan. 30
Hemstreet, Charles	A1392	11	Feb. 15
Hall, B. F	A1394	16	Do.
Hart, Andrew	A1399	18	Feb. 16
Harry, A. J	A1412	13	Feb. 18
Hulings, William	A1432	19	Feb. 24
Hill, Edward	A1436	17	Do.
Head, John McD	A1463	11	Mar. 2
Henderson, M. G	A1473	8	Mar. 4
Hall, G. W	A1480	7	Mar. 5
Hammond, John N	A1481	14	Mar. 6
Hallock, C. H	A1531	23	Mar. 17
Howard, Joseph B	A1540	15	Do.
Helms, Levi	A1570	14	Mar. 23
Harding, Frank	A1571	10	Do.
Haig, A. N	A1577	12	Mar. 25
Hutton, William	A1599	30	Mar. 29
Hyde, John C	A1604	3	Mar. 30
Hanaway, James	A1623	7	Apr. 2
Hager, Robert C	A1638	21	Apr. 6
Hagson, John	A1645	6	Apr. 8
Hayford, F. A	A1646	6	Do.
Havens, Lorenzo	A1655	6	Apr. 9
Hobbie, Charles E	A1658	12	Do.
Harrold, James	A1670	19	Apr. 12
Halsey, George S	A1681	13	Apr. 14
Hansen, Charles	A1683	14	Do.
Hall, William H	A1690	13	Apr. 15
Holmes, Charles H	A1729	14	Apr. 21
Hamilton, Charles A	A1741	21	Apr. 22
Hutchinson, Joseph S	A1767	5	Apr. 28
Horsman, Martin	A1768	27	Do.
Hawkins, Charles A	A1774	10	Apr. 29
Hudson, John M	A1779	14	May 1
Hennessy, O. F	A1783	25	Do.
Hilman, H. L	A1796	19	May 5
Hamilton, John	A1805	17	May 6
Hubbs, Charles H	A1821	6	May 8
Hefferman, James F	A1841	5	May 11
Howell, George G	A1857	11	May 14
Hiller, Matthew	A1877	13	May 18
Howe, Robert M	A1881	22	Do.
Hubbard, A. H	A1883	25	Do.
Haley, John B	A1890	24	May 19
Hazlett, A. V	A1927	16	May 24
Hall, Alexander G	A1928	9	Do.
Hanlon, Alexander	A1949	17	May 26
Hamilton, William W	A1979	8	June 1
Hubbard, N. A	A2007	21	June 4
Hawkins, A. M	A2021	5	June 7
Hammond, George	A2027	10	June 8
Hoagland, Wyckoff, jr	A2032	9	June 9
Hanaway, Lawrence	A2043	10	June 10
Hill, George H	A2061	14	June 14
Harker, Stephen	A2071	19	June 15
Hardy, E. J	A2078	12	June 16
Hopkins, John	A2079	16	Do.
Hill, H. J	A2082	15	Do.
Harper, George	A2084	18	June 17
Hall, George L	A2102	13	June 21
Hubbs, James G	A2107	26	June 22
Hock, Philip	A2144	22	June 28
Hennessy, Andrew	A2145	31	Do.
Hopkins, Charles	A2182	16	July 3
Holley, John	A2183	3	Do.
Hale, A. W	A2206	25	July 9
Hulse, William H	A2211	23	July 10
Hull, N. A	A2224	16	July 13

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Hoagland, L. H	A2236	16	July 16
Harrington, George	A2242	21	July 17
Hulphers, John G	A2249	21	July 19
Harrington, J	A2271	19	July 22
Hallenbeck, C. E	A2277	17	July 24
Hogan, James J	A2290	12	July 21
Hallock, H. B	A2302	16	July 30
Harris, Charles F	A2307	3	Do.
Hyer, John H	A2308	22	July 31
Hegewald, John	A2328	11	Aug. 3
Hallenbeck, William	A2331	25	Aug. 4
Hennessy, Joseph	A2339	5	Do.
Holliday, John	A2384	18	Aug. 14
Higgins, Prescott P	A2396	6	Aug. 16
Hallock, Edgar E	A2399	22	Aug. 17
Hearon, James	A2410	20	Aug. 19
Henry, Daniel M	A2418	18	Aug. 20
Hadcock, T. M	A2419	10	Do.
Hanaway, John	A2436	11	Aug. 23
Hallock, F. O	A2449	15	Aug. 26
Hiller, Adelbert	A2463	13	Aug. 28
Helf, Joseph	A2471	26	Aug. 31
Hawkins, George W.	A2473	20	Do.
Higgins, Howard L	A2482	15	Sept. 2
Hill, W. S	A2502	15	Sept. 7
Harvey, Abraham H	A2507	10	Sept. 8
Harrington, Timothy	A2521	11	Sept. 10
Hall, W. H	A2551	4	Sept. 15
Hennessy, James	A2571	13	Sept. 18
Higgins, L. F	A2593	23	Sept. 22
Hillary, L. J	A2607	10	Sept. 23
Hamlen, Fred M	A2615	6	Sept. 25
Hammond, Marcus A	A2668	9	Oct. 4
Hemstreet, Eugene	A2693	19	Oct. 11
Haines, Peter, jr	A7802	12	Oct. 13
Hanlon, Peter	A7803	16	Do.
Hallenbeck, G. H	A7814	19	Oct. 15
Hommel, Alex	A7896	16	Nov. 1
Halsey, Abram O. G	A7916	16	Nov. 9
Hall, George T	A7919	18	Nov. 10
Haskill, Charles M	A7947	8	Nov. 16
Hearon, Isaac	A7985	12	Nov. 24
Hallock, Asher G	A8010	12	Dec. 2
Hanaway, John J	A8012	9	Dec. 3
Hughes, John R	A8016	13	Dec. 4
Hodges, Henry A	A8019	10	Do.
Hulsaver, Timothy	A8022	10	Dec. 6
Hanlon, John	A8052	14	Dec. 10
Hamilton, Harvey	A8083	19	Dec. 20
Holmes, Samuel	A8084	8	Do.
Hyer, John	A8065	14	Dec. 14
Hale, Charles M	A8069	13	Dec. 15
Hunt, William H	A8070	16	Do.
Isaacson, Andrew	A1565	6	Mar. 23
Itzen, George T	A2064	7	June 14
Irelan, Reuben	A2380	19	Aug. 13
Jenney, Nathan H	A1280	21	Jan. 19
Jansen, Neils	A1292	4	Jan. 20
Johnson, Charles G	A1305	11	Jan. 22
Johansson, A. J	A1333	8	Jan. 27
Johnson, Frank	A1338	1	Jan. 28
Jennings, Sylvester	A1395	8	Feb. 15
June, Alexander W	A1458	4	Mar. 1
Jayne, Austin	A1468	13	Mar. 3
Jackson, Joseph A	A1549	3	Mar. 19
Jeffrey, Leander	A1633	8	Apr. 5
Johnson, Theodore C	A1650	8	Apr. 8
Jenks, Joseph	A1699	26	Apr. 16
Johnson, August	A1850	11	May 12
Jones, George F	A1895	21	May 19
Jackson, Carll	A1922	12	May 24
Johnson, L. Gerrish	A1930	8	Do.
Johnson, C. B	A2020	23	June 7
Jayne, A. W	A2284	27	July 26
Jensen, Louis M	A2337	7	Aug. 4
Johnson, F. A	A2427	8	Aug. 23
Jenks, Julius	A2444	11	Aug. 25
Jacobs, B. F	A2608	3	Sept. 23
Johnson, Emil K	A2649	11	Oct. 1
Jones, William	A7910	17	Nov. 8
Joice, Thomas	A7964	14	Nov. 22
Johnson, John E	A8050	11	Dec. 10
Jarvis, Benjamin	A8051	8	Do.
Jaycox, Dyer S	A8088	22	Dec. 20
Killmer, John L	A1232	18	Jan. 11
Keyser, Lewis	A1263	10	Jan. 16
Kelly, R. B	A1270	22	Jan. 18
Kellam, Eli A	A1294	28	Jan. 20
Kahler, Otto	A1301	12	Jan. 22
Kinner, John H	A1320	19	Jan. 26
Kavanagh, Edward	A1387	25	Feb. 11
Kimble, Joseph A	A1404	9	Feb. 17
Kohler, Charles H	A1434	27	Feb. 24
Keyes, Thomas	A1478	13	Mar. 5
Knott, Edwin	A1592	8	Mar. 27
Kennedy, James P	A1609	8	Mar. 31
Kerney, Montgomery M	A1636	18	Apr. 6
Kahn, Maxwell	A1708	16	Apr. 17
Kipp, Leonard	A1820	32	May 8
Kane, William	A1831	12	May 11
Kelly, William H	A1908	17	May 22
Kenny, Neil	A1952	24	May 27
Kent, William H	A2005	15	June 4
Kirkland, Robert	A2038	20	June 8
Keeler, Vincent	A2060	10	June 14
Knapp, John T	A2088	18	June 17
Keyes, James	A2283	15	July 26
Kelly, John	A2298	19	July 29
King, Francis	A2326	15	Aug. 3
Kenelly, John J	A2360	3	Aug. 9
Keegan, Edward F	A2386	20	Aug. 14
Kruse, Henry L	A2408	12	Aug. 18
Kelly, Lemuel R	A2452	26	Aug. 27
Kirby, Mark	A2512	4	Sept. 9
Knudsen, L. M	A2548	5	Sept. 14
Kniffen, C. H	A2556	14	Sept. 16
Kenney, George E	A2596	16	Sept. 22
Kane, John	A2603	6	Sept. 23
Kelly, Bernard	A2656	11	Oct. 1
Knapp, Roswell M	A2666	16	Oct. 4
Kelly, John H	A7877	5	Oct. 27
Keller, Robert B	A7899	18	Nov. 3
Kretzmer, A. C	A7926	12	Nov. 11
Kay, J. Nevins	A7927	3	Do.
Kerr, David A	A7931	3	Nov. 12
Kinney, James M	A7939	12	Nov. 15
Keene, John J. A	A7969	21	Nov. 22
Kelly, Michael	A8082	14	Dec. 18
Kenney, William H	A8104	12	Dec. 27
Luckenbach, Edward	A1205	20	Jan. 2
Lewis, George W	A1209	25	Jan. 4
Luther, Horace	A1214	20	Do.
List, William A	A1248	13	Jan. 15
Luther, Thomas B	A1259	27	Jan. 16
Lockwood, Henry	A1298	31	Jan. 21
Leonard, Peter	A1316	20	Jan. 25
Lowberg, Samuel	A1346	11	Feb. 1
Limond, William S	A1385	17	Feb. 10
Ludlam, J. S	A1396	21	Feb. 15
Letts, Moses A	A1403	17	Feb. 17
Lake, Edward F	A1446	12	Feb. 27
Leroy, Henry D	A1457	13	Do.
Lee, William E	A1474	7	Mar. 4
Leonard, W. F	A1495	12	Mar. 10
Laughlin, Joseph	A1509	16	Mar. 12
Loesch, James A	A1541	5	Mar. 18
Lind, Charles	A1556	7	Mar. 20
Lockwood, William	A1568	12	Mar. 22
Lucas, James E	A1575	8	Mar. 24
Leonard, M. H	A1584	18	Mar. 25
Lane, T. R	A1585	19	Mar. 26
Lord, James	A1626	14	Apr. 2
Lent, William O	A1641	21	Apr. 5
Lamscha, Herman	A1673	17	Apr. 12
Lawrence, Olef M	A1698	8	Apr. 16
Lyon, John	A1700	10	Do.
Loring, Walter G	A1701	9	Do.
Loring, William G	A1711	13	Apr. 17
Long, J. V. P	A1739	15	Apr. 22
Leary, Dennis	A1756	24	Apr. 26
Lewis, James F	A1772	22	Apr. 29
Lake, Lehman B	A1778	7	Apr. 30

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Love, Isaac H	A1784	22	May 3
Littlefield, William, jr.	A1791	15	Do.
Lewis, John R	A1810	10	May 7
Lund, Hans	A1816	11	May 8
Lawson, Louis	A1872	11	May 17
Longstreet, Charles H	A1937	25	May 25
Lyons, M. J	A1953	9	May 27
Loader, Charles	A1971	6	May 29
Leek, John R	A1986	27	June 1
Larsen, Hans M	A1998	8	June 3
Lyons, William	A2063	5	June 14
Luttgen, Walther	A2127	5	June 24
Longstreet, Moses H	A2128	26	Do.
Lansing, William H	A2153	20	June 28
Langley, William H	A2156	7	June 29
Layman, Newton	A2204	29	July 9
Lundberg, Henry	A2248	4	July 19
Luce, R. H	A2267	14	July 22
Love, D. E	A2276	18	July 24
Littlefield, W. B	A2304	18	July 30
Leighton, Charles P	A2368	13	Aug. 10
Larsen, Andrew	A2373	19	Aug. 11
Lewis, R. H	A2377	15	Aug. 12
Lowell, W. B	A2424	6	Aug. 21
Lounsberg, Joseph P	A2431	22	Aug. 23
Lasher, Robert H	A2433	12	Do.
Lapsley, Claud	A2441	10	Aug. 25
Luther, Andrew B	A2453	8	Aug. 27
Low, William B	A2455	31	Do.
Lockwood, Wm. H. H	A2490	14	Sept. 3
Lawson, Van Voorhis P	A2493	8	Sept. 7
Lloyd, Theodore P	A2494	17	Do.
Leech, John	A2559	8	Sept. 16
Lamb, Joseph B	A7844	8	Oct. 21
Low, George T	A7882	8	Oct. 28
Langton, James A	A7902	27	Nov. 4
Loucks, Henry S	A7915	11	Nov. 9
Leach, William	A7920	8	Nov. 10
Lacy, William	A7956	6	Nov. 18
Lobdell, Joseph R	A7973	17	Nov. 23
Lamb, Joseph	A7979	17	Do.
Lanfare, Herman	A7982	25	Nov. 25
L'Hommedieu, Jno. W	A7991	25	Nov. 26
Lind, E. G	A7993	6	Nov. 27
Lewis, William H	A7995	18	Do.
Long, Abram K	A8002	4	Nov. 30
Lynch, John	A8035	11	Dec. 7
Lawson, Thomas	A8057	24	Dec. 11
Leek, John R	A8079	27	Dec. 16
Moon, Frederick	A1213	7	Jan. 4
McGaughey, Denis	A1243	5	Jan. 13
McCarty, John	A1257	26	Jan. 16
McCarroll, John J	A1279	3	Jan. 18
McCarty, Daniel	A1284	19	Jan. 19
Millner, William	A1312	16	Jan. 23
McKillop, Michael	A1318	19	Jan. 25
McClain, Daniel	A1322	15	Jan. 26
Monroe, Duncan	A1325	3	Do.
Meehan, John A	A1342	16	Jan. 29
McAllister, Charles E	A1347	27	Feb. 1
Matthews, George E	A1358	12	Feb. 3
McAllister, James T	A1371	8	Feb. 6
Miller, Cland H	A1393	5	Feb. 15
Milliken, G. N	A1408	21	Feb. 18
Mott, William E	A1416	14	Feb. 19
Marsh, Abram H	A1424	15	Feb. 20
Moquin, William C	A1440	13	Feb. 24
McKeon, Miles	A1453	27	Feb. 27
Miller, Robert	A1472	14	Mar. 4
Multee, James L	A1479	20	Mar. 5
McDaid, B. J	A1534	10	Mar. 17
Moran, William	A1548	12	Mar. 19
Miller, Frederick C	A1553	17	Mar. 20
Melvin, B. D	A1557	4	Mar. 22
Moore, John C	A1562	11	Mar. 23
Mackey, George	A1593	13	Mar. 27
Morey, John T	A1595	24	Do.
Meyers, Charles	A1601	16	Mar. 29
Morrisey, William	A1608	13	Mar. 31
Morton, Sherwood	A1621	14	Apr. 2
Mallison, C. W	A1641	15	Apr. 7
McGinniss, Patrick	A1647	19	Apr. 8
Miller, Leonard	A1651	1	Do.
Monell, Abram B	A1661	18	Apr. 10
Musier, George M	A1667	15	Do.
Macbeth, Barksdale	A1687	4	Apr. 14
Mayell, H. J	A1693	13	Apr. 15
McNall, Solomon J	A1709	11	Apr. 17
Morris, T. L	A1715	31	Apr. 19
McGuire, James	A1744	25	Apr. 23
Merritt, Henry	A1749	6	Do.
Morris, E. F	A1751	25	Apr. 25
Miller, Patrick	A1758	30	Apr. 26
Matthews, Joseph H	A1776	13	Apr. 30
Mott, Stephen W	A1795	17	May 5
Mitchell, Abram	A1801	16	May 6
Moore, John C	A1819	23	May 8
Moriarty, James	A1851	6	May 12
Miles, A. M	A1867	8	May 17
Montell, C. F	A1891	8	May 19
Marshall, John	A1905	20	May 22
Monks, Patrick	A1907	14	Do.
Miller, Nicholas	A1909	16	Do.
McEwen, Alexander	A1922	8	May 25
MacKenzie, Harry	A1950	14	May 26
Miller, Charles	A1966	19	May 28
Monfort, John H	A1984	14	June 1
Martin, S. G	A1997	24	June 3
McFarlane, James A	A2024	5	June 8
McDonald, E. Harvey	A2048	25	June 11
Moore, Edward	A2052	16	Do.
Martin, Julius C	A2053	19	Do.
Moriarty, Daniel	A2059	10	June 14
McCormick, George S	A2086	15	June 17
McIntyre, Henry	A2089	18	Do.
Morrow, Charles	A2103	12	June 21
Mosier, Henry	A2108	16	June 22
McMullen, Joseph	A2119	19	June 23
Maxwell, William	A2121	11	Do.
Mitchell, William F	A2125	11	June 26
McClellan, Edward	A2162	25	June 29
Munger, D. N	A2193	12	July 6
McLaren, Charles	A2196	10	July 7
Marcus, David	A2216	22	July 10
Morris, E. A	A2227	22	July 14
Morrell, William F	A2231	19	July 15
Magee, Nelson	A2240	32	July 16
Mitchell, Joseph	A2259	4	July 21
Miller, F. A	A2272	19	July 23
McGugart, George E	A2281	8	July 24
Miller, C. B	A2282	22	July 26
McAvoy, Arthur	A2294	13	July 28
Morton, George	A2317	13	Aug. 2
Maynard, John	A2342	18	Aug. 5
Mack, Daniel W	A2375	2	Aug. 11
Milliken, E. J	A2392	20	Aug. 16
Maher, James	A2412	20	Aug. 19
Miller, John J	A2416	12	Aug. 20
Manley, Charles	A2447	17	Aug. 26
Morris, William	A2450	12	Do.
Morrell, James	A2454	16	Aug. 27
McElwee, W. B	A2458	15	Do.
McAvoy, Edward	A2477	13	Sept. 1
McIntosh, John	A2483	24	Sept. 2
Martin, J. C	A2509	10	Sept. 8
McIlvaine, Charles	A2529	26	Sept. 11
Mead, Jacob	A2541	12	Sept. 14
Mulvaney, Michael	A2562	20	Sept. 17
Morton, William	A2572	4	Sept. 18
Miller, William	A2583	20	Sept. 21
McAvoy, Richard	A2591	13	Do.
Merritt, Joseph R	A2598	8	Sept. 23
McCourt, Edward	A2599	14	Do.
McLaughlin, George	A2621	26	Sept. 27
Mills, Thomas H	A2623	6	Do.
Murphy, Augustus	A2647	16	Oct. 1
Munn, O. H	A2653	14	Do.
Martens, K. F	A2652	7	Do.
McBride, Frank J	A2658	10	Oct. 2
Morrell, Samuel	A2673	26	Oct. 5
Meeks, H. H	A2686	18	Oct. 8
McLeod, James S. F	A2690	9	Oct. 9

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
McKnight, John	A7801	21	Oct. 13
McGoldrick, Michael	A7806	31	Do.
McGill, Daniel J	A7818	5	Oct. 15
Meehan, Patrick	A7848	28	Oct. 21
McGoldrick, George	A7861	5	Oct. 25
Minerly, Charles	A7870	16	Oct. 26
May, Peter	A7880	8	Oct. 27
Miller, T. J	A7897	11	Nov. 1
Mason, George W	A7903	15	Nov. 4
Morrell, L. L	A7906	20	Nov. 6
Martin, W. L	A7907	13	Do.
Monahan, James	A7935	17	Nov. 15
McLaughlin, Patrick	A7943	28	Do.
McKee, Joseph	A7987	26	Nov. 26
Mills, Theodore	A7999	10	Nov. 29
McCarthy, George W	A8011	16	Dec. 2
Marshall, Joseph V. C	A8032	8	Dec. 7
Minton, William D	A8054	6	Dec. 11
Merritt, Daniel	A8055	15	Do.
Mitchell, Joseph	A8072	20	Dec. 15
McClain, Michael H	A8105	11	Dec. 27
Nelson, Joseph K	A1255	2	Jan. 15
Nelson, R. M	A1357	4	Feb. 3
Nichols, John	A1386	14	Feb. 11
Nickerson, Caleb G	A1437	30	Feb. 24
Nalty, Daniel	A1462	20	Mar. 2
Nash, Charles J	A1576	12	Mar. 24
Norton, J. C	A1615	16	Apr. 1
Nichols, C. F	A1628	9	Apr. 5
Nichols, John	A1695	10	Apr. 15
Noyes, A. K	A1704	10	Apr. 17
Norton, Freeman F	A2058	9	June 14
Nordberg, E. M	A2062	8	Do.
Nelson, Gustav	A2146	20	June 28
Nichols, James B	A2150	12	Do.
Nickerson, Henry O	A2179	20	July 2
Nielsen, Hans J	A2185	3	July 6
Nickerson, G. F	A2348	5	Aug. 5
Nelson, Christopher	A2357	18	Aug. 9
Noble, William N	A2519	3	Sept. 9
Nichols, E. D	A2566	18	Sept. 17
Nichols, John F	A2568	19	Sept. 18
Nicholson, L. E	A2684	20	Oct. 8
Nicholson, George B	A7856	14	Oct. 22
Nichols, Charles E	A7892	12	Oct. 30
Nelson, Samuel	A7997	17	Nov. 29
Noyes, George	A8120	4	Dec. 31
Olsen, Neils	A1203	9	Jan. 2
Overton, William	A1247	8	Jan. 14
O'Brien, James	A1360	9	Feb. 4
Olmstead, George T	A1414	24	Feb. 19
Ockerman, Charles	A1448	10	Feb. 27
Olsen, Gustav	A1502	12	Mar. 11
O'Brien, Thomas	A1642	23	Apr. 7
Osborn, Moses, jr	A1858	7	May 15
Overton, H. B	A1863	11	Do.
O'Brien, Gordon	A1900	5	May 21
O'Loughlin, David	A1942	13	May 26
O'Connor, Philip	A2049	7	June 11
Osborn, William R	A2081	15	June 16
Osborn, F. G	A2167	12	June 30
O'Brien, John	A2169	15	July 1
Overton, W. H	A2391	5	Aug. 16
O'Brien, Anthony	A2554	14	Sept. 15
Onken, G. F	A2612	6	Sept. 24
O'Riordan, P. J	A7823	4	Oct. 16
O'Neil, Robert	A7832	9	Oct. 18
Prissey, William A	A1221	9	Jan. 7
Page, Edward T	A1260	6	Jan. 16
Prout, John	A1285	3	Jan. 19
Peterson, Nicholas	A1300	13	Jan. 21
Pateman, Thomas	A1340	10	Jan. 29
Petterson, August	A1369	3	Feb. 6
Peterson, Abraham	A1391	13	Feb. 15
Percy, Harry P	A1406	5	Feb. 17
Parker, Edwin F	A1415	15	Feb. 19
Patterson, Howard	A1483	14	Mar. 6
Phillips, Samuel F	A1493	10	Mar. 9
Payne, Edwin S	A1496	23	Mar. 10
Phillips, William H	A1542	16	Mar. 18
Pearce, Warren	A1543	9	Do.
Preston, Moses L	A1554	8	Mar. 20
Patterson, E. O	A1558	9	Mar. 22
Pruitt, John E	A1564	8	Mar. 23
Pratt, E. W	A1602	15	Mar. 29
Pearsall, David	A1603	22	Mar. 30
Parisen, William J	A1635	28	Apr. 6
Post, Millard F	A1662	7	Apr. 10
Parker, Joseph	A1684	20	Apr. 14
Pearsall, Oliver H	A1692	28	Apr. 15
Pendleton, William F	A1716	15	Apr. 19
Pertain, Nicholas	A1730	27	Apr. 21
Petty, Z. H	A1748	9	Apr. 23
Phelan, John	A1782	2	May 1
Partelow, Charles G	A1847	8	May 12
Pannkake, R. V	A1919	11	May 24
Phillips, F. T	A1926	13	Do.
Peck, Solomon	A1934	24	May 25
Pease, John A	A1968	20	May 29
Platt, C. C	A1994	8	June 2
Pearce, Charles A	A1999	17	June 3
Powers, E. R	A2035	18	June 10
Parkinson, Frederick	A2093	8	June 18
Price, J. Lawrence	A2120	12	June 23
Paige, Thomas H	A2149	20	June 28
Peteler, George W	A2184	13	July 6
Phillips, Abraham	A2214	27	July 10
Pitt, Thomas	A2221	13	July 13
Peterson, Iver	A2292	11	July 28
Pugh, James H	A2312	20	Aug. 2
Pennington, F. P	A2314	11	Do.
Peterson, Alvie	A2335	6	Aug. 4
Packard, DeWitt C	A2347	10	Aug. 5
Post, Henry	A2356	18	Aug. 9
Pearsall, Charles	A2409	14	Aug. 18
Posey, F. B	A2411	16	Aug. 19
Purnell, William B	A2446	18	Aug. 25
Pierson, William R	A2461	19	Aug. 28
Phillips, Nicholas	A2472	25	Aug. 31
Paul, Hiram J	A2485	9	Sept. 3
Pearse, William M	A2499	16	Sept. 7
Park, D. A	A2587	11	Sept. 21
Parisen, Charles	A2624	19	Sept 28
Peene, Joseph, jr	A2648	17	Oct. 1
Purdy, R. F	A2687	2	Oct. 8
Phippany, Joseph	A2688	12	Do.
Parisen, Charles E	A2696	7	Oct. 12
Price, R. H	A2697	11	Do.
Peterson, Edward	A7807	10	Oct. 14
Pawson, James	A7810	21	Do.
Peck, George W	A7819	8	Oct. 15
Pederson, Rasmus	A7847	19	Oct. 21
Prescott, C. D	A7883	7	Oct. 28
Parks, Charles R	A7905	17	Nov. 6
Pinsino, Joseph	A7925	16	Nov. 11
Pullen, Fred H	A7936	7	Nov. 15
Pattson, Julius A	A7946	12	Nov. 16
Post, R. J	A7992	6	Nov. 27
Phoenix, Lloyd	A8021	6	Dec. 6
Peet, William	A8042	22	Dec. 8
Provost, Elmer E	A8060	17	Dec. 13
Pennington, Lewis W	A8089	16	Dec. 20
Peene, Stephen R	A8114	22	Dec. 29
Petterson, John	A8117	11	Dec. 30
Quirk, James	A1376	10	Feb. 8
Quick, Robert B	A1427	19	Feb. 23
Quigley, Thomas	A1844	10	May 11
Quinn, William	A2105	15	June 21
Quinn, Charles M	A2617	11	Sept. 25
Redmand, Michael M	A1201	15	Jan. 2
Rowland, T. W	A1241	10	Jan. 13
Risk, John R	A1252	23	Jan. 15
Russell, John	A1253	19	Do.
Reynolds, Frank S	A1277	14	Jan. 18
Rogers, Robert	A1291	12	Jan. 20
Risley, Amos E	A1336	17	Jan. 28
Rooney, Bernard	A1344	8	Jan. 30
Righter, Lewis G	A1356	26	Feb. 3
Reagen Daniel	A1359	15	Do.
Robbins, Darius	A1364	10	Feb. 5
Remmey, William H	A1368	7	Feb. 6
Rowland, George E	A1402	9	Feb. 16

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Radenburgh, Alex'nder	A1447	3	Feb. 27
Rowland, Heavlon	A1503	13	Mar. 11
Risk, James L	A1505	12	Do.
Reynolds, J. W	A1518	23	Mar. 15
Rowe, Solomon	A1528	18	Mar. 16
Robinson, Judiah	A1561	9	Mar. 22
Rose, W. J	A1580	3	Mar. 25
Reynolds, Thomas	A1625	10	Apr. 2
Rifenburgh, Ephraim	A1672	18	Apr. 12
Rafferty, Timothy	A1754	11	Apr. 26
Rhodes, Urias	A1787	6	May 3
Roberts, John B	A1797	6	May 5
Reeves, Abinal K	A1805	24	May 6
Rick, Henry	A1824	23	May 10
Rohde, Henry	A1899	16	May 21
Relyea, W. D	A1910	8	May 22
Richards, Thomas B	A1954	8	May 27
Rich, A. M	A1955	8	Do.
Rowland, E. M	A1961	13	May 28
Rayner, C. H	A1964	8	Do.
Raymond, William H	A1970	16	May 29
Redmond, William F	A2000	11	June 3
Reagan, William J	A2003	8	Do.
Rowland, George H	A2010	17	June 5
Relyea, A. D	A2022	25	June 7
Risedorf, S. J	A2026	20	June 8
Raynor, Hiram	A2040	6	June 10
Riley, Fred S	A2046	14	Do.
Rose, Joseph	A2104	12	June 21
Ryan, Daniel	A2106	16	Do.
Rulfs, F. B	A2136	9	June 26
Robins, R. E. L	A2180	12	July 2
Reynolds, George A	A2228	9	July 14
Roe, J. P	A2251	7	July 19
Rogers, George H	A2254	10	July 20
Rowland, George H	A2261	13	July 21
Robinson, William	A2269	15	July 22
Rogers, George O	A2293	11	July 28
Rockefellow, Arthur	A2297	15	Do.
Ross, William T	A2300	15	July 29
Rollinson, Joseph S	A2323	15	Aug. 2
Requa, Samuel	A2381	24	Aug. 13
Raynor, E. B	A2476	19	Sept. 1
Russell, James J	A2505	14	Sept. 8
Ryan, Timothy	A2520	16	Sept. 10
Roche, David	A2524	18	Do.
Relyea, L. D	A2532	24	Sept. 13
Ranney, T. J	A2534	26	Do.
Rochester, George	A2537	17	Do.
Radican, Patrick	A2539	15	Sept. 14
Reid, A. A	A2564	6	Sept. 17
Raymond, L. E	A2575	11	Sept. 20
Ross, L. M	A2606	24	Sept. 23
Richardson, Lamon C	A2627	30	Sept. 28
Reichert, Jacob C	A2641	5	Sept. 30
Robinson, John P	A2644	7	Oct. 1
Randolph, R. F	A2657	25	Oct. 2
Ripley, Charles E	A2691	11	Oct. 9
Raynsford, Fitch	A7822	7	Oct. 16
Roche, Patrick	A7827	12	Do.
Ripley, William G	A7835	11	Oct. 18
Rogers, William C	A7840	20	Oct. 19
Ray, F. N	A7886	16	Oct. 29
Rex, Harry	A7890	18	Do.
Roden, George	A7970	26	Nov. 22
Rector, Louis R	A7989	10	Nov. 26
Russell, Edward	A8001	17	Nov. 29
Russell, Archibald D	A8061	4	Dec. 13
Rayner, William H	A8095	12	Dec. 24
Rogers, Frederick	A8108	9	Dec. 28
Relyea, Hiram D	A8115	9	Dec. 30
Simms, Jerome	A1217	20	Jan. 5
Studwell, Edwin F	A1226	18	Jan. 8
Smith, Joseph C	A1401	13	Jan. 16
Saunders, Nathan D	A1207	30	Jan. 4
Schoonmaker, Isaac	A1222	20	Jan. 7
Simonson, Reuben	A1224	17	Jan. 8
Scully, John	A1240	18	Jan. 13
Sheldrake, John W	A1251	6	Jan. 15
Smith, Henry S	A1256	16	Do.
Sherman, H. P	A1267	22	Jan. 18
Stuart, E. W	A1289	4	Jan. 20
Stanwood, Henry	A1295	10	Do.
Smith, T. J	A1326	20	Jan. 27
Seeley, Henry M	A1350	5	Feb. 1
Siliman, John D	A1351	22	Do.
Styles, James A	A1382	10	Feb. 9
Smith, Joseph C	A1401	12	Feb. 16
Scully, John J	A1405	6	Feb. 17
Smith, George H	A1429	12	Feb. 23
Seaman, William M	A1430	5	Do.
Seguine, John J	A1438	11	Feb. 24
Staples, William J	A1443	11	Feb. 25
Savage, George C	A1460	14	Mar. 1
Sprague, Samuel	A1477	17	Mar. 5
Sprague, Henry	A1497	4	Mar. 10
Schatsel, John H	A1499	6	Do.
Slattery, Joseph	A1520	11	Mar. 15
Shackford, J. W	A1523	19	Mar. 16
Savage, Eli J	A1525	18	Do.
Smith, F. J	A1529	4	Do.
Schultz, W. L	A1560	37	Mar. 22
Spoor, Casper	A1578	20	Mar. 25
Stokes, Thomas M	A1588	11	Mar. 26
Simms, Edward	A1589	19	Do.
Sofield, C. W	A1590	15	Mar. 27
Smith, Cornelius H	A1607	17	Mar. 31
Stucker, Benjamin F	A1619	9	Apr. 1
Sturtevant, John B	A1624	8	Apr. 2
Studwell, Joseph O	A1640	4	Apr. 7
Snedaker, A. C	A1659	15	Apr. 10
Smith, Anning	A1663	20	Apr. 10
Stinson, Robert B	A1671	16	Apr. 12
Scott, Bernard S	A1677	3	Apr. 13
Smith, S. W	A1680	21	Apr. 14
Spears, Thomas	A1686	16	Do.
Satterly, E. J	A1706	8	Apr. 17
Smith, George F	A1736	6	Apr. 22
Sofield, George	A1737	18	Do.
Sweeney, Daniel F	A1745	4	Apr. 23
Shay, James	A1760	14	Apr. 26
Sylvester, R. G. H	A1770	2	Apr. 29
Seaman, J. L	A1790	27	May 3
Sanford, Borden W	A1827	24	May 10
Stinson, William P	A1828	8	Do.
Sterritt, John McG	A1832	15	May 11
Spencer, James O	A1842	5	Do.
Salair, John N	A1860	17	May 15
Skilling, Henry A	A1862	5	Do.
Shannon, Michael	A1866	6	May 17
Skidmore, C. H	A1869	15	Do.
Smith, Alonzo R	A1875	19	May 18
Steelman, Mulford M	A1894	23	May 19
Sirrine, John E	A1916	11	May 24
Silvey, C. D	A1921	19	Do.
Sullivan, William F	A1939	7	May 26
Stevens, George A	A1940	11	Do.
Schmidt, Henry R	A1980	6	June 1
Sullivan, Timothy	A2004	19	June 4
Shafer, Thomas	A2034	21	June 9
Smith, Louis H	A2045	10	June 10
Sofield, George W	A2070	17	June 15
Sheffer, Lorenzo	A2072	25	Do.
Stevens, Charles E	A2114	17	June 22
Shadwick, William	A2115	1	June 23
Summers, James T	A2123	10	Do.
Smith, George	A2131	18	June 25
Simms, George	A2139	28	June 28
Slater, W. D	A2161	13	June 29
Swarts, T. C	A2164	11	June 30
Stephens, C. G	A2170	12	July 1
Seeley, John	A2171	13	Do.
Smith, William A	A2176	22	Do.
Simmons, John H	A2181	6	July 3
Sullivan, James	A2207	9	July 9
Simms, James H	A2208	28	Do.
Sarls, David	A2217	22	July 12
Smith, John H	A2218	16	Do.
Slater, George P	A2222	22	July 13
Stevens, James M	A2229	23	July 14
Smith, Charles A	A2246	7	July 17
Sparks, William	A2288	9	July 28

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Snyder, William J	A2291	18	July 28
Simonson, Oscar	A2305	11	July 30
Smith, A. J	A2320	12	Aug. 2
Sofield, Ellis	A2343	21	Aug. 5
Snyder, Henry H	A2359	15	Aug. 9
Savidge, Reuben	A2367	11	Aug. 10
Snyder, Garrett P	A2395	4	Aug. 16
Stork, Joseph J	A2405	8	Aug. 18
Sherwood, E. J	A2406	19	Aug. 18
Sheehan, George W	A2421	12	Aug. 21
Schultz, Benjamin F	A2422	18	Do.
Sherrer, Philip	A2430	9	Aug. 23
Smith, Joseph F	A2442	5	Aug. 25
Soper, Frank W	A2466	16	Aug. 30
Seeley, Leonard L	A2470	30	Aug. 31
Stebbens, A. M	A2492	9	Sept. 7
Seaman, C. A	A2495	22	Do.
Seeley, John	A2514	19	Sept. 9
Shea, Thomas B	A2527	15	Sept. 11
Stoney, F. B	A2543	25	Sept. 14
Studwell, Augustus	A2576	5	Sept. 20
Stevens, Frank	A2580	23	Do.
Salmon, Daniel	A2600	4	Sept. 23
Smith, Charles	A2604	15	Do.
Sturges, Charles	A2605	12	Do.
Stebbins, Frederick	A2614	29	Sept. 25
Seward, Leonidas C	A2629	9	Sept. 28
Stanton, James H	A2643	16	Oct. 1
Sprague, Benjamin	A2646	13	Do.
Stratton, John J	A2669	18	Oct. 4
Sargeant, William L	A2685	28	Oct. 8
Smith, James A	A7828	22	Oct. 16
Sutliff, Jacob	A7838	6	Oct. 19
Schultz, Fred	A7839	13	Do.
Savage, John	A7852	26	Oct. 22
Styles, Vermont	A7853	13	Do.
Simmons, A. G	A7866	25	Oct. 26
Stafford, Joseph W	A7884	7	Oct. 28
Studwell, Alexander	A7891	7	Oct. 30
Scott, J. B	A7901	6	Nov. 4
Scott, Charles W	A7932	14	Nov. 12
Stuart, Alexander	A7942	25	Nov. 15
Stuart, Samuel H	A7948	8	Nov. 16
Stuyvesant, Rutherford	A7963	9	Nov. 20
Sullivan, Benjamin	A7965	6	Nov. 22
Smith, Thomas M	A7974	22	Nov. 23
Staples, Charles P	A7994	7	Nov. 27
Sherwin, Alfred L	A8029	27	Dec. 6
Stillwaggon, John W	A8033	21	Dec. 7
Stokes, Samuel H	A8049	3	Dec. 10
Smith, John	A8076	15	Dec. 16
Stokes, Robert A	A8100	9	Dec. 24
Smith, Samuel E	A8121	12	Dec. 31
Trude, Francis M	A1204	16	Jan. 2
Taft, Horatio N	A1296	10	Jan. 21
Todd, James A	A1354	32	Feb. 2
Tappan, Frederick A	A1421	18	Feb. 20
Tooker, W. H	A1455	3	Feb. 27
Tuttle, Hiram	A1471	8	Mar. 4
Thomas, George W	A1507	2	Mar. 11
Thompson, George T	A1537	6	Mar. 17
Tod, Robert E	A1579	1	Mar. 25
Tyson, John H	A1600	13	Mar. 29
Tinslar, Stephen L	A1660	23	Apr. 10
Theall, Charles	A1666	18	Do.
Taylor, William P	A1720	4	Apr. 19
Taylor, Norris H	A1750	18	Apr. 24
Terrill, John W	A1765	9	Apr. 28
Taylor, Howard W	A1817	7	May 8
Turner, H. F	A1822	7	Do.
Tweedy, Gilbert	A1838	18	May 11
Tuthill, L. A	A1853	9	May 13
Tidmarsh, James	A1854	12	Do.
Throckmorton, Jas. S	A1868	19	May 17
Titus, Irving	A1906	13	May 22
Timmans, George J	A1929	15	May 24
Thompson, John C	A1931	10	Do.
Throckmorton, C. E	A1943	18	May 26
Thompson, A. H	A1960	21	May 28
Thomas, Joseph	A2029	20	June 8
Terpenning, Alonzo	A2050	19	June 11
Terpenning, Garrett	A2057	11	June 12
Tracy, M. W	A2069	3	June 15
Tuthill, George S	A2087	23	June 17
Tod, T. Donald	A2158	3	June 29
Torrance, A. M	A2194	12	July 7
Tremper, A. J	A2234	17	July 16
Timmans, Ralph	A2265	10	July 22
Tompkins, Ira W	A2275	17	July 23
Tuthill, Purdy J	A2303	19	July 30
Tait, Joseph M	A2322	7	Aug. 2
Tooker, Charles T	A2351	7	Aug. 6
Taylor, Edward W	A2362	11	Aug. 10
Taylor, Thomas H	A2404	8	Aug. 18
Tribble, J. Fred	A2457	13	Aug. 27
Tooker, Charles E	A2496	15	Sept. 7
Taylor, D. E	A2518	8	Sept. 9
Terry, Frank S	A2523	7	Sept. 10
Taylor, James S	A2547	6	Sept. 14
Tunnard, George M	A2555	21	Sept. 16
Tobin, James	A2561	25	Sept. 17
Terwilliger, Joseph H	A2574	14	Sept. 20
Tormey, William H	A2579	10	Do.
Terney, John A	A2592	20	Sept. 21
Tooker, John H	A2594	4	Sept. 22
Tuthill, Daniel	A2655	24	Oct. 1
Taylor, William P	A2672	25	Oct. 5
Turner, Allen	A2678	21	Oct. 6
Thompson, T. T	A2681	7	Oct. 7
Terrill, George B	A7805	7	Oct. 13
Tingle, C. L	A7815	22	Oct. 15
Tapley, Ira W	A7934	15	Nov. 13
Thompson, James R	A7958	8	Nov. 19
Taverniere, Mitchell	A7966	24	Nov. 22
Thompson, Walter	A7986	15	Nov. 24
Unsworth, Charles N	A1286	3	Jan. 19
Underhill, C. E	A2110	17	June 22
Vanderpool, Ira W	A1210	13	Jan. 4
Van Pelt, Garrett E	A1264	11	Jan. 16
Van Dyck, C. H	A1418	14	Jan. 20
Vohs, William	A1451	19	Jan. 27
Valentine, A. B	A1515	12	Mar. 15
Van Aken, Nicholas L	A1665	17	Apr. 10
Van Etten, Ambrose	A1685	17	Apr. 14
Van Etten, Fred L	A1696	14	Apr. 16
Van Keuren, William S	A1714	20	Apr. 19
Van Doren, William A	A1762	18	Apr. 26
Van Gelder, Henry	A1785	8	May 3
Van Wart, Edward	A1887	22	May 18
Van Deventer, Howard	A1941	24	May 26
Van Gelder, John	A1965	23	May 28
Van Pelt, B. B	A1969	36	May 29
Van Schaick, William H	A1978	23	June 1
Van Dercar, Richard	A2047	20	June 11
Van Name, Edgar	A2056	9	June 12
Van Tine, John H	A2175	19	July 1
Van Schaick, Wm. H., jr	A2415	13	Aug. 20
Vickery, Stephen	A2489	5	Sept. 4
Van Gordon, John	A2501	14	Sept. 7
Van Name, Jacob H	A7854	19	Oct. 22
Van Pelt, William H	A7855	22	Do.
Vail, William H	A7859	11	Oct. 25
Van Pelt, John E	A7865	15	Oct. 26
Van Etten, Eugene	A7875	16	Oct. 27
Van Gelder, James E	A7911	8	Nov. 8
Van Wart, Charles	A8073	31	Dec. 15
Watson, Andrew P	A1228	11	Jan 9
Wilson, Henry	A1310	21	Jan. 23
Wilson, Lewis W	A1441	8	Feb. 25
Walker, George M	A1467	26	Mar. 3
Wise, Jacob	A1500	16	Mar. 11
Weston, Joseph	A1501	12	Do.
Wilson, Harvey	A1510	24	Mar. 13
Walters, W. H	A1524	5	Mar. 16
Williams, R. P	A1545	10	Mar. 18
Williams, F. B	A1583	7	Mar. 25
Williamson, H. H	A1591	16	Mar. 27
Weeks, James H	A1612	11	Mar. 31
Wilson, Edmund H	A1632	16	Apr. 5
Wager, Charles E	A1710	15	Apr. 17
Warren, James	A1789	17	Mar. 3
Warren, Michael	A1794	18	May 4

Masters and pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
West, Richard S	A1826	7	May 10	Whittaker, Stephen	A2478	19	Sept. 1
Welch, Hubert	A1827	14	May 11	Wright, Charles	A2540	16	Sept. 14
Wilson, James	A1848	17	May 12	Wilcox, John M	A2552	18	Sept. 15
Wilson, William	A1864	11	May 17	Whelan, William	A2553	9	Do.
Witherwax, Theodore	A1897	16	May 20	Wray, Richard	A2584	11	Sept. 21
Weeks, George E	A1915	16	May 24	Warren, George C	A2611	18	Sept. 24
Williams, E. S	A1917	7	Do.	Wimett, L. H	A2661	9	Oct. 2
White, Joseph H	A1956	16	May 27	Warner, Charles C	A7820	25	Oct. 15
Wetmore, Joseph	A1985	12	June 1	Williams, Charles F	A7833	9	Oct. 18
Wilson, D. L	A2014	32	June 7	Walters, J. W	A7837	16	Oct. 19
Wilson, Charles	A2077	19	June 16	Whittaker, Ezra	A7842	15	Oct. 20
Washburn, James H	A2109	12	June 22	Ward, William F	A7860	13	Oct. 25
Williams, F. E	A2117	21	June 23	Wilson, George H	A7873	11	Oct. 27
Wells, Abram	A2132	10	June 25	Ward, Francis H	A7904	23	Nov. 4
Wilcox, Edward	A2141	26	June 28	Wagner, Peter R	A7917	20	Nov. 9
Watson, W. T	A2157	16	June 29	Walcott, David A	A7949	24	Nov. 17
Whyard, George W	A2165	5	June 30	White, Edwin J	A7980	6	Nov. 23
Witherwax, William	A2215	26	July 10	Williams, Joseph P	A8038	10	Dec. 7
Wilson, David P	A2220	9	July 12	White, William H	A8043	16	Dec. 8
Williams, E. L. M	A2244	15	July 17	Wright, Edgar W	A8047	3	Dec. 9
Waterbury, Theodore	A2252	24	July 19	White, Michael	A8048	18	Dec. 10
Wilder, James	A2257	17	July 20	Wahlgren, Alexander	A8090	18	Dec. 20
Wilson, William	A2258	8	July 21	Walker, Frank	A8062	8	Dec. 13
Wright, William H	A2306	20	July 30	Youngs, Addison	A1339	23	Jan. 29
Witter, George E	A2315	12	Aug. 2	Young, Ira B	A1771	26	Apr. 29
Wilson, Thomas	A2352	13	Aug. 6	Young, Grant	A1825	16	May 10
Wellman, Henry	A2353	14	Do.	Young, F. A	A1901	6	May 21
Ward, William H	A2354	26	Do.	Young, O. S	A2036	11	June 10
Wood, Amos C	A2364	26	Aug. 10	Young, Joseph	A2226	8	July 13
Williams, John	A2375	15	Aug. 12	Young, Sarsfield E	A7940	18	Nov. 15
Wright, Charles H	A2437	21	Aug. 23	Zeil, L. A	A1648	11	Apr. 8
Wicks, Lyman A	A2440	18	Aug. 25	Zobriskie, David A	A2699	19	Oct. 12

Mates licensed during the year ended December 31, 1897—New York, N. Y.

Anderson, Alfred	692	6	Apr. 2	Hillebrand, F. A	734	4	June 10
Anderson, Andrew	707	6	Apr. 30	Helland, N. J	736	10	June 17
Amberman, J. C	732	3	June 7	Hill, John	763	3	Aug. 27
Arndt, Harry	779	5	Oct. 2	Hartley, Herbert	771	1	Sept. 11
Binninger, Oscar	655	1	Jan. 16	Helliken, Ludwig A	799	2	Nov. 24
Bottcher, Frederick	661	8	Jan. 20	Iversen, A. C	662	3	Feb. 1
Bryant, Kirk	679	13	Mar. 8	Irvine, Frank W	669	2	Feb. 16
Barker, Charles W	680	4	Mar. 9	Ieske, Herman	1701	2	Dec. 7
Best, Fred W	686	2	Mar. 25	Johnstone, Edgar D	666	3	Feb. 8
Bartlett, E. P	697	2	Apr. 13	Johnson, John G	696	4	Apr. 9
Blake, Gardiner	718	7	May 17	Jones, James W	774	7	Sept. 17
Bennett, William	723	13	May 20	Johnson, Brown	784	8	Oct. 18
Beckwith, Andrew	738	5	June 18	Johnson, August	1705	7	Dec. 16
Coles, Edward H	719	6	May 18	Kinnie, Rainsford W	668	8	Feb. 15
Chambliss, W. N	720	6	Do.	Kulsen, James	688	7	Mar. 29
Crockett, M. M	747	2	July 7	Kinney, Frank L	702	3	Apr. 26
Carlson, F. P	770	5	Sept. 9	Kienest, John H	716	3	May 17
Cameron, D. T	775	13	Sept. 18	Kallish, E. A	785	4	Oct. 18
Coombs, Sewall B	786	6	Oct. 21	Klaboe, Nicholas	794	6	Nov. 4
Dungan, James H	710	3	May 8	Krogsgard, George D	800	8	Dec. 1
Dickey, Parker M	715	1	May 14	Lorentzen, Charles	654	4	Jan. 15
Didricksen, Severin K	731	2	June 3	Lawson, Andrew	672	2	Feb. 23
Dulin, Harry	758	3	Aug. 5	Lundeberg, Henry	690	7	Mar. 31
Dunbar, George H	781	6	Oct. 7	Loring, H. C	706	9	Apr. 29
Darling, E. H	A1706	10	Dec. 31	Lyons, Thompson H	733	2	June 8
Ellertsen, John	768	7	Sept. 4	Lowenhjelm, Charles H	741	13	June 28
Farley, Patrick S	656	3	Jan. 16	Leyland, James	761	16	Aug. 12
Farnham, W. J	683	10	Mar. 15	Leroy, Edward	764	13	Aug. 30
Foss, Frank E	684	6	Mar. 18	Larsen, Jacob	765	2	Do.
Foat, Harry	698	6	Apr. 15	Lindquist, Gustav	790	7	Nov. 1
Foster, John	749	1	July 12	Martin, George H	657	8	Jan. 18
Franklin, Emlin P	752	3	July 16	McDermott, Harry	658	5	Do.
Geilhard, R. J	665	5	Feb. 8	McClure, Charles C	671	4	Feb. 17
Graumann, Rudolph	678	3	Mar. 3	Magnuson, Gustav	676	1	Mar. 3
Gerlach, Charles E	703	3	Apr. 26	Michelson, Peter	693	7	Apr. 6
Grundal, John	789	1	Oct. 29	Mowbray, M. W	717	4	Apr. 17
Gillespie, Henry	797	8	Nov. 18	Mattson, Per	724	1	Apr. 21
Horton, Fred E	651	4	Jan. 4	McArthur, Archibald	727	2	June 1
Henriques, A. J	659	2	Jan. 19	McBride, R. J	728	1	Do.
Hermes, Adam	673	7	Feb. 25	Morley, Robert	729	11	June 3
Heppe, Frederick	694	1	Apr. 7	Meany, Joseph J	735	3	June 14
Halvorsen, H. R. B	699	1	Apr. 17	Morris, William S	744	7	July 3
Hamlen, Fred R	713	9	May 12	Munson, George	757	5	Aug. 3

Mates licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
McCarthy, Charles C	760	3	Aug. 11	Richards, William H	780	3	Oct. 7
Mattson, Martin D	773	6	Sept. 14	Robinson, James W	782	1	Oct. 13
Meady, F. S	778	7	Sept. 30	Speed, David G	652	1	Jan. 7
Majerbom, E. S	791	3	Nov. 1	Sears, Arthur H	653	6	Jan. 8
Midboe, Peder M	796	3	Nov. 17	Staalesen, Anton	663	1	Feb. 4
Maguire, Richard S	A1704	3	Dec. 15	Small, Clement G	667	11	Feb. 10
Netland, Peter P	691	1	Apr. 2	Sohlberg, Herman	670	5	Feb. 17
Nelson, Otto T	750	2	July 14	Sargeant, L. J	722	4	May 20
Nelson, Peter	759	8	Aug. 6	Strom, O. A	739	8	June 18
Nelson, Nikolai	777	7	Sept. 20	Spaulding, William A	743	2	July 1
Nilsson, August	787	6	Oct. 23	Sullivan, D. A	748	1	July 7
Nelson, Axel	795	4	Nov. 17	Sandstrom, Rudolph	756	5	July 28
Olsen, Thomas	682	9	Mar. 15	Snellenburg, Evert	783	1	Oct. 15
Olson, Charles	700	2	Apr. 19	Simms, Andrew J	1702	5	Dec. 8
Olson, John L	725	6	May 28	Sanford, James A	1703	1	Dec. 9
Perkins, George E	675	8	Mar. 3	Torresen, Tobias	766	2	Sept. 2
Pugsley, R. M	677	6	Mar. 4	Thompson, Chadwick	798	2	Nov. 18
Post, Ned A	695	1	Apr. 9	Vandervoort, Rodger B	751	4	July 14
Prescott, Sidney I	709	6	May 1	Webster, M. F	687	2	Mar. 27
Parker, John	714	2	May 12	Wieshofer, John	701	1	Apr. 23
Perkins, L. W	726	8	May 29	Wilson, William D	705	6	Apr. 28
Potter, James G	740	11	June 25	Williams, William T	746	12	July 6
Powell, James	742	11	June 28	Woodward, George P	767	3	Sept. 3
Patterson, Andrew	755	6	July 24	Walcott, Morgan	769	2	Sept. 8
Read, E. H	660	2	Jan. 20	Wallace, Wesley	772	4	Sept. 14
Rochefort, Maxime	664	1	Feb. 6	Williams, H. E	792	4	Nov. 1
Rudbach, Andrew	730	1	June 3	Wright, Frank D	793	5	Nov. 3
Rankin, F. N	753	5	July 20	Withey, L. H	A1707	8	Dec. 31
Rogers, Joseph T	762	7	Aug. 21	Young, M. A	754	5	July 22
Roberts, Charles D	776	2	Sept. 18				

Mates and pilots licensed during the year ended December 31, 1897—New York, N. Y.

Anderson, C. G	681	2	Mar. 12	Lydman, Jacob	704	1	Apr. 28
Burke, James F	685	6	Mar. 23	Olsen, Kimmel	711	12	May 11
Bulin, John	708	6	Apr. 30	Peterson, Andrew	674	9	Mar. 1
Boyd, William J	712	14	May 11	Sandin, G. T	737	5	June 18
George, H. W	721	13	May 19	Trott, Everett M	788	5	Oct. 27
Lunt, Charles P	689	5	Mar. 31	Whittier, William A	745	8	July 3

Pilots licensed during the year ended December 31, 1897—New York, N. Y.

First-class pilots.				*First-class pilots*—Continued.			
Aungier, James	319	16	Jan. 13	Barton, William G., jr	365	8	Feb. 5
Androvett, Reuben	350	11	Jan. 20	Brown, E. L	366	3	Feb. 6
Abbot, Tolbert D	367	3	Feb. 8	Berry, James H	372	6	Feb. 9
Ackerly, Albert	386	2	Feb. 15	Baker, John W	377	6	Feb. 11
Ashforth, Edward	434	36	Mar. 15	Blosky, Albert H	394	6	Feb. 20
Anderson, Fred W	480	5	Apr. 6	Brightson, John	404	26	Mar. 2
Albertson, Theodore	492	11	Apr. 10	Benson, George	405	5	Do.
Ackerly, Henry	507	6	Apr. 17	Bishel, Fred M	410	4	Mar. 3
Anderson, Charles	513	8	Apr. 20	Belgard, George W	421	5	Mar. 8
Avery F. N	578	6	May 12	Brown, L. H	428	9	Mar. 11
Androvett, Asher	593	6	May 19	Brown, Harry M	439	5	Mar. 16
Adams, Jonas P	600	5	May 21	Boggs, William H	444	3	Mar. 18
Anderson, George H	624	11	May 28	Brown, Alexander	450	7	Mar. 22
Allen, William N	650	14	June 8	Barker, John	479	24	Apr. 5
Adams, Ernest	651	16	Do.	Barnes, William N	482	4	Apr. 7
Androvett, George F	668	13	June 18	Brune, A. J	486	2	Do.
Adams, Edward	676	4	June 21	Benjamin, Charles H	490	13	Apr. 9
Anderson, Nils	706	9	July 1	Barnett, James H	497	6	Apr. 12
Androvett, John O	710	3	July 2	Bush, William O	502	26	Apr. 15
Allen, Michael	757	10	July 26	Bennett, William B	521	2	Apr. 23
Ausbro, John	813	13	Aug. 19	Bloxson, Harvey	524	9	Apr. 24
Anderson, Henry	899	10	Oct. 1	Brown, C. L	534	12	Apr. 30
Abbott, James M	1000	8	Nov. 30	Baker, Edward	561	6	May 10
Bartow, Charles F	302	2	Jan. 4	Berry, Thomas	563	15	Do.
Benson, Frederick	316	4	Jan. 9	Brown, Richard	565	16	Do.
Bunce, George M	321	2	Jan. 15	Barnard, L. D	569	10	May 11
Baldwin, John L	329	3	Jan. 18	Bauer, Frederick J	571	5	Do.
Baker, Daniel Y	342	26	Jan. 25	Best, Truman	574	15	May 12
Black, James	351	6	Jan. 30	Benson, Gustav K	588	5	May 18
Braisted, Frank K	355	14	Do.	Brown, Frank R	596	2	May 19

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Brown, William E	603	17	May 22
Bunt, William H	607	27	May 24
Broughton, George W	623	10	May 28
Brinley, Aaron D	625	5	Do.
Beedy, Daniel R	631	8	June 1
Briscoe, John	640	2	June 4
Bennett, Charles	657	4	June 11
Butler, Samuel B	671	10	June 19
Baulsir, Richard	682	10	June 23
Briggs, Hiram G	685	28	June 24
Bundy, Harry C	688	4	June 25
Berg, Charles E	693	8	June 26
Bird, Arthur	703	5	June 30
Bunker, L. A	720	12	July 9
Bell, Charles	723	8	July 12
Babington, F. A., jr	729	22	July 15
Bunce, James	730	1	July 16
Bennett, John C	731	12	July 17
Bishop, R. C	742	6	July 20
Batewell, James	749	2	July 22
Brown, S. E	750	16	Do.
Benvenue, John	758	2	July 26
Brennan, William J	764	6	July 27
Barker, Patrick	767	18	July 28
Babington, Moses	773	2	July 30
Bradley, James R	780	10	Aug. 2
Bevell, James G	786	3	Aug. 4
Babington, L. D	793	11	Aug. 7
Bodell, Robert	796	5	Aug. 9
Bull, Andrew	819	11	Aug. 24
Butler, John H	827	4	Aug. 26
Buckhout, Stratton	840	16	Sept. 2
Bennett, James	845	15	Sept. 7
Brady, Erastus	853	5	Sept. 11
Brinley, John E	859	1	Sept. 14
Baulsir, William V	862	27	Sept. 15
Baulsir, John W	867	27	Sept. 18
Baulsir, John V	868	27	Do.
Bull, Nathaniel	873	6	Sept. 22
Baulsir, Nimrod	889	27	Sept. 28
Bassenden, Thomas A	890	26	Do.
Brannock, M. J	909	3	Apr. 6
Barker, G. H	913	28	Oct. 9
Brady, Felix	917	13	Oct. 11
Brooks, Charles	920	1	Oct. 13
Bunce, Carroll M	930	8	Oct. 18
Barr, James	950	8	Oct. 27
Burrows, George E	960	6	Nov. 4
Brodhead, A. W	963	2	Nov. 5
Beauvais, J. S	974	10	Nov. 13
Bunnell, Frederick E	978	6	Nov. 15
Bouton, George E	984	7	Nov. 22
Barclay, George W	991	10	Nov. 23
Burns, James F	997	15	Nov. 29
Bagley, Daniel E	999	6	Do.
Baulsir, James G	6209	26	Dec. 6
Bradley, James V	6213	11	Dec. 8
Brethauer, John C	A6232	2	Dec. 18
Bassenden, Charles H	A6248	9	Dec. 27
Cramer, Martin	302	17	Jan. 4
Cook, George D	307	1	Jan. 5
Carroll, Charles J	337	16	Jan. 22
Carhart, S. E	357	18	Feb. 1
Conklin, T. S	370	15	Feb. 8
Cronk, William F	376	11	Feb. 11
Cushing, William J	381	11	Do.
Collier, Isaac A	391	8	Feb. 18
Connor, John	399	9	Feb. 26
Considine, James	416	5	Mar. 5
Cockfair, Andrew	418	17	Mar. 6
Collins, T. W	433	4	Mar. 15
Chapman, B. H	468	14	Mar. 29
Crawson, George E	483	11	Apr. 7
Cornwell, Francis M	494	13	Apr. 12
Corson, Charles H	509	6	Apr. 19
Carroll, John A	530	2	Apr. 29
Colley, John	531	12	Do.
Corson, Garrett P	560	10	May 10
First-class pilots—Continued.			
Cattermole, H. M	580	19	May 13
Charles, Maximillian	587	1	May 18
Coyle, Luke J	590	1	Do.
Corwin, James T	595	5	May 19
Colbrun, William G	599	10	May 21
Carey, John	609	18	May 24
Connorton, Thomas	617	5	May 26
Campbell, Lawrence	632	8	June 7
Clapper, William	663	12	June 14
Collins, Joseph	673	6	June 21
Carol, William J	681	1	June 23
Casteen, George	732	10	July 17
Carle, John A	747	8	July 21
Cost, Frederick	748	7	July 22
Cooper, John E	754	13	July 24
Cherry, John M	824	16	Aug. 25
Christensen, Bendiks	829	8	Aug. 27
Carrigan, Edward	854	11	Sept. 11
Conley, Ebenezer	855	2	Do.
Cullen, James	882	13	Sept. 25
Cutler, Franklin J	886	12	Sept. 27
Cox, William T	895	14	Sept. 30
Crawford, James T	905	8	Oct. 4
Curtis, Thomas F	914	8	Oct. 9
Coles, William	928	27	Oct. 16
Christensen, C. M	937	3	Oct. 21
Casey, Martin	942	13	Oct. 22
Conk, Charles A	965	10	Nov. 8
Clark, Thomas	967	3	Nov. 9
Cutler, E. T	980	13	Nov. 20
Craft, Lewis R	985	6	Nov. 22
Conley, Thomas	988	4	Nov. 22
Collins, Fred W	994	9	Nov. 26
Driscoll, William	341	8	Jan. 23
Drake, M. V	373	6	Feb. 9
Darling, Selah H	380	6	Feb. 11
Dragon, Andy	395	12	Feb. 20
Dearstyne, Frank S	403	2	Mar. 2
Dayton, F. H	406	5	Mar. 3
Decker, L. P	477	13	Apr. 5
Day, Charles A	488	13	Apr. 8
Derby, James F	520	1	Apr. 21
Downer, John A	522	14	Apr. 23
Delaney, M. J	546	1	May 4
Donnell, John	554	8	May 7
Deats, James A	564	16	May 10
Doty, Alonzo N	591	13	May 18
Day, Frank T	594	2	May 19
Deming, David H	612	17	May 25
Dillon, P. J	628	4	May 29
Dobson, Rufus	629	4	June 1
Davis, L. V	652	5	June 8
De Ronde, Charles	686	11	June 25
Devlin, Alfred B	690	3	Do.
Dunn, William J	701	11	June 29
Davis, William H	752	10	July 23
Dumont, A. H	755	14	July 24
Decker, R. O	775	19	July 31
Day, Uriah	781	23	Aug. 3
Durning, John	783	6	Do.
Durning, Hugh	805	5	Aug. 17
Decker, L. M	806	31	Do.
Dow, Luther B	823	15	Aug. 25
Dobson, Frank	847	2	Sept. 7
Deakin, Robert	892	17	Sept. 29
Decker, William H	929	7	Oct. 18
Doyle, Wesley	972	3	Nov. 11
Donnary, T. F	6220	10	Dec. 10
Ewing, Franklin J	332	5	Jan. 20
Estis, E. R	465	16	Mar. 29
Emmons, William J	495	10	Apr. 12
Elder, James B	540	14	May 1
Elsworth, William E	633	9	June 2
Edwards, Asbury	648	8	June 8
Emmons, Frank	683	3	June 24
England, William	691	2	June 25
Ericksen, Richard	714	11	July 7
Edwards, Gabriel B	792	16	Aug. 7

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Elwood, George W	821	4	Aug. 24
Ericksen, Victor	876	3	Sept. 23
Evans, Caleb G	894	4	Sept. 29
Elsworth, George C	6225	3	Dec. 13
Fowler, Henry D	313	14	Jan. 7
Fay, Bertrand	344	4	Jan. 27
Flannery, Daniel B	348	7	Jan. 28
Felton, George R	358	15	Feb. 1
Fountain, M. R	371	2	Feb. 8
Friel, H. W	414	2	Mar. 4
Fouratt, George W	420	1	Mar. 8
Flannery, William H. J	445	23	Mar. 19
Frost, Norris	458	3	Mar. 25
Farrell, J. K	487	18	Apr. 7
Fort, John H	573	1	May 11
Floyd, Sidney J	654	3	June 9
Freestone, Thomas	753	21	July 24
Fearon, James	777	7	Aug. 2
Fullwood, David	832	9	Aug. 30
Fouratt, Enos	846	17	Sept. 7
Foley, John	901	17	Oct. 1
Fitzgerald, Joseph J	903	2	Oct. 2
Frantz, Clemant	906	12	Oct. 5
Fry, Alfred Brooks	915	7	Oct. 8
Funston, George S	943	27	Oct. 22
Fowler, George W	957	26	Oct. 30
Frost, William	971	13	Nov. 10
Freestone, William	975	37	Nov. 15
Fowler, Jesse H	983	3	Nov. 20
Foster, Arthur E	990	7	Nov. 22
Fugazzi, Lewis S	6218	14	Dec. 10
Forker, William H	6226	15	Dec. 13
Forsyth, George I	6234	8	Dec. 20
Garrett, Michael	334	14	Jan. 21
Green, Peter	349	9	Jan. 29
Gould, George F	364	11	Feb. 6
Gedney, David B	442	9	Mar. 17
Gunnell, Isaac	459	2	Mar. 25
Gedney, Joseph H	498	18	Apr. 30
Gaskill, Charles B	527	19	Apr. 26
Golden, F. J	539	2	Apr. 30
Gould, Abram C	543	11	May 1
Godfrey, Amos S	577	8	May 12
Goldsmith, Nathan'l T.	659	16	June 11
Glover, Curtis	689	11	June 25
Gunnerson, H. B	696	7	June 28
Gwyn, Alan H	727	1	July 13
Greenwood, Sylvanus	771	9	July 30
Grouls, John	772	12	Do.
Green, James H	810	8	Aug. 17
Goodman, William	811	4	Aug. 18
Germain, Daniel G	831	1	Aug. 27
Goodbey, Robert	852	26	Sept. 10
Gully, Frank	897	2	Sept. 30
Grant, Matthew	916	11	Oct. 11
Gunnerson, Martin	947	5	Oct. 26
Gulickson, George	964	1	Nov. 1
Goebel, Charles H	A6243	3	Dec. 24
Hulse, Charles E	314	9	Jan. 8
Healing, George	339	11	Jan. 22
Hults, Lewis	346	12	Jan. 28
Hahn, John	352	2	Jan. 30
Hughes, Walter S	262	13	Feb. 4
Healing, James	392	12	Feb. 18
Halliran, Simon	393	6	Feb. 19
Henderson, John S	397	4	Feb. 23
Holmes, John J	413	8	Mar. 4
Hallock, James W	417	8	Mar. 6
Heartt, Charles S	424	8	Mar. 9
Heffren, George D	425	6	Mar. 10
Haviland, James W	431	12	Mar. 13
Hoffman, Jesse Q., jr	436	24	Mar. 16
Hickey, Daniel J	438	9	Do.
Hahn, Charles A	473	3	Mar. 31
Haughie, Andrew	484	1	Apr. 7
Hall, Charles J	496	3	Apr. 12
Holton, John W	528	9	Apr. 26
Hallenbeck, Charles L.	557	10	May 8
First-class pilots—Continued.			
Hoyt, Charles B	566	13	May 10
Hendrickson, Edward	567	13	Do.
Henderson, David	639	15	June 4
Harvey, Thomas E	666	8	June 16
Hegarty, John	670	11	June 19
Haring, John N	675	8	June 21
Harkammer, John J	692	6	June 26
Hickey, William A	746	8	July 21
Harrington, Patrick	761	11	July 27
Hoagland, George M	763	14	Do.
Hawkins, I. V	766	4	July 28
Housman, A. H	776	5	July 31
Haagenson, Benjamin	779	5	Aug. 2
Hall, H. H	822	14	Aug. 24
Hayford, Charles H	835	20	Aug. 31
Howell, C. B	866	8	Sept. 17
Hulse, Curles	871	1	Sept. 21
Hogan, K. E	877	12	Sept. 23
Hulse, H. F	888	4	Sept. 28
Hart, P. M	907	10	Oct. 5
Helmes, Charles	923	30	Oct. 13
Hanson, Nicholas	968	13	Nov. 9
Hamre, Henry	998	11	Nov. 29
Helgesen, Louis	6205	2	Dec. 3
Halpin, John R	6228	12	Dec. 15
Hunt, William E	A6241	10	Dec. 23
Iverson, M. S	715	5	July 8
Johnson, Richard M	310	25	Jan. 5
Johnson, Frank	326	7	Jan. 18
Jeffrey, William A	385	10	Feb. 15
Jensen, Lors D	464	3	Mar. 29
Johnston, Thomas A	518	2	Apr. 22
Jewell, R. A	529	5	Apr. 28
Jones, Alarkcos	533	11	Apr. 29
Johnson, A. H	535	11	Apr. 30
Johnson, W. D	570	7	May 11
Jordan, E. G	579	13	May 12
Johnson, James	582	1	May 13
Johnson, H. C	592	7	May 19
Johnson, John	630	5	June 1
Jones, Thomas R	646	4	June 7
Jaderlund, John O	707	9	July 1
Johnson, Oluf J	709	2	July 2
Judge, Thomas	717	2	July 8
Jacobs, P. B	740	6	July 20
Jeavons, Isaac	785	7	Aug. 5
Jayne, C. C	809	5	Aug. 17
Jordan, Patrick	816	13	Aug. 23
Johnson, Charles	820	6	Aug. 24
Jackaway, William	858	9	Sept. 14
Jordan, Harry J	860	1	Do.
Johansson, John E	861	1	Do.
Johnson, Peter	870	9	Sept. 21
Johnson, Charles J	935	3	Oct. 19
Johnson, Harvey	951	17	Oct. 28
Johnson, John P	6203	2	Dec. 2
Johnston, James P	6204	2	Do.
Jones, Humphrey	6211	16	Dec. 6
Johnston, Daniel F	6214	17	Dec. 8
Johnson, Charles	6238	4	Dec. 22
Jorgensen, Martin	6240	15	Dec. 23
Keenan, Daniel	325	3	Jan. 16
Klute, Nicholas	330	2	Jan. 18
Kelly, Sidney J	374	3	Feb. 10
King, John F	383	4	Feb. 13
Kennedy, Stephen L	411	3	Mar. 3
Kent, James	454	8	Mar. 24
King, Edward	455	9	Do.
Keyes, Frank J	467	6	Mar. 29
Kehoe, George	471	12	Mar. 30
Knight, John L	478	11	Apr. 5
Kerland, William	508	10	Apr. 17
Keene, Augustus C	576	5	May 12
Kelly, John	584	7	Mar. 17
Kruser, Ira E	586	9	May 18
Kane, William	613	14	May 25
Knudsen, John	634	7	June 3
Ketcham, Albert	642	19	June 5

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Kohler, Samuel	644	13	June 5
Kelly, Charles W	656	8	June 10
Kuehl, William	713	11	July 6
Ketcham, E. F	716	5	July 8
Klemp, John H	736	2	July 19
Kooistra, Albert	791	7	Aug. 6
Keylon, Elmer	797	4	Aug. 9
Kiernan, Frank	798	3	Aug. 10
Klett, Christian	874	2	Sept. 22
Karland, Thomas	878	27	Sept. 24
Kelly, James J	925	9	Oct. 15
Kelly, Edward	926	5	Oct. 16
King, Evon	953	12	Oct. 30
Kreck, Matthew C	959	4	Nov. 3
Knudsen, C. L	6221	4	Dec. 10
Knickel, Baltzer, jr	6230	8	Dec. 16
Knoph, J. Martin	6239	6	Dec. 22
Knudsen, Olaf K	A6249	10	Dec. 30
Lockwood, Samuel S	315	5	Jan. 8
Lynch, Edward	318	15	Jan. 12
Lenahan, James L	369	4	Feb. 8
L'Hommedieu, J. H	400	8	Feb. 26
Larsen, Gustavus	415	14	Mar. 5
Lander, A. W	427	2	Mar. 11
Lockwood, William G	443	26	Mar. 18
Lansing, John L	448	8	Mar. 22
Leslie, Samuel A	456	8	Mar. 24
Lozier, J. B	472	6	Mar. 31
Lee, Charles	506	35	Apr. 16
Losey, Leander	512	11	Apr. 19
Lenz, Fred	514	5	Apr. 20
Lynch, Daniel J	517	2	Apr. 21
Lewis, William T	545	1	May 4
Leyden, John F	551	6	May 6
Longstreet, William D	608	33	May 24
Lake, James	641	3	June 5
Longstreet, Chas. H., jr	677	7	June 21
Ludlow, Anthony	699	6	June 29
Lyle, John	744	9	July 20
Levinus, Charles F	762	13	July 27
Lansing, Charles	799	12	Aug. 11
Lawrence, Amos	839	14	Sept. 2
Lemcke, Alfred	900	2	Oct. 1
Lockwood, William H	922	13	Oct. 13
Lockman, James	924	28	Oct. 15
Larsen, T. A	954	7	Oct. 30
Little, Edward M	6208	2	Dec. 4
Lansing, James W	6217	2	Dec. 9
McGullam, John	317	8	Jan. 12
Montrose, William	327	26	Jan. 18
Minner, Jeremiah	336	12	Jan. 22
Moyes, E. J	353	6	Jan. 30
Martin, Frank A	354	2	Do.
McDevitt, R. M	384	12	Feb. 15
Meissner, Andrew	407	2	Mar. 3
McKillop, Daniel	429	5	Mar. 12
Morgan, George	441	3	Mar. 17
Mason, Noah F	446	13	Mar. 19
McLaren, Thomas	453	3	Mar. 24
Mullen, D. S	466	1	Mar. 29
McEvoy, James J	470	5	Mar. 30
McIntyre, Thomas	476	1	Apr. 2
Murray, John E	499	2	Apr. 13
Myers, Edward	505	4	Apr. 15
Miller, William	523	3	Apr. 23
McAvoy, Henry	532	5	Apr. 29
Minner, William	544	39	May 3
McGee, Peter	548	21	May 5
Mosier, Harvey H	559	13	May 10
Merrill, Theodore	581	3	May 13
Magovern, M. J	602	13	May 22
Mullen, William H	605	7	Do.
McHale, William J	611	12	May 25
Mott, William W	615	11	May 26
Moriarty, John	618	5	Do.
Morrill, Frank T	619	3	Do.
Mackey, E. C	620	12	May 27
Mason, Charles H	622	30	Do.
First-class pilots—Continued.			
Mattison, Thos. W. G	627	9	May 29
Merrell, Freeman	636	1	June 3
Madden, John R	637	1	Do.
McAvoy, James	647	7	June 7
Mulrooney, Edward	660	12	June 11
Marckman, Frederick	664	12	June 15
Moran, Michael	665	13	Do.
McGuinness, John	695	11	June 26
McCourt, P. J	712	8	July 6
Marshall, James E	735	12	July 19
McGuirl, Patrick	738	9	Do.
Mugan, Dennis A	756	3	July 26
Martin, John	789	10	Aug. 5
Moon, James F	790	30	Do.
Morrow, John	803	16	Aug. 16
Murphy, Patrick J	807	2	Aug. 17
Miller, H. S	828	5	Aug. 27
McDonald, James A	830	13	Do.
McManus, Charles H	836	2	Aug. 31
Marshall, Daniel	842	11	Sept. 3
Matthews, W. F	857	7	Sept. 13
Mason, John J	865	1	Sept. 16
Mumme, Henry	872	8	Sept. 22
Martin, Augustus	883	1	Sept. 25
Marr, Robert	896	16	Sept. 30
McKenzie, John	898	12	Oct. 1
McAuley, James	910	12	Oct. 6
Mahoney, David	938	1	Oct. 22
Mott, Warren W	944	2	Oct. 23
Maher, Joseph	952	4	Oct. 29
Monk, Edward	958	6	Nov. 1
McNull, Robert	962	14	Nov. 4
McAllister, William	966	12	Nov. 8
McGee, Frank	969	11	Nov. 9
McLaughlin, Charles J	976	5	Nov. 15
McAllaster, Walter	987	27	Nov. 22
McCoy, William	989	3	Do.
McCarthy, John	6201	17	Dec. 1
McAllister, John	6202	8	Do.
Miller, Frank J	6215	5	Dec. 8
Miller, Ephraim	A6245	2	Dec. 24
Nokes, George H	305	6	Jan. 5
Nichols, Louis	335	1	Jan. 21
Norris, Henry A	356	11	Feb. 1
Nelson, Theodore	363	7	Feb. 4
Nelson, Martin	474	8	Mar. 31
Nelson, Martin	500	5	Apr. 13
Nelson, Peter C	537	2	Apr. 30
Nelson, John	542	1	May 1
Nelson, Erasmus	697	10	May 28
Norman, William	795	23	Aug. 9
Newman, Charles H	817	9	Aug. 23
Norton, Charles	869	4	Sept. 21
Nelson, Peter C	885	19	Sept. 27
Neilsen, Neil	961	2	Nov. 4
Nelson, Charles	992	10	Nov. 24
Nelson, Thomas A	993	18	Do.
Nelson, Peter	A6246	1	Dec. 24
O'Brien, Daniel J	401	6	Feb. 27
Olsen, Harry	402	6	Mar. 1
O'Brien, Peter O	423	25	Mar. 9
Olsson, Olof Paul	462	1	Mar. 26
O'Neill, William	469	11	Mar. 30
O'Donnell, Thomas	658	18	June 11
O'Toole, James	891	12	Sept. 29
Oakley, Charles W	931	6	Oct. 15
O'Keefe, Patrick	936	1	Oct. 19
Perry, Andrew T	306	3	Jan. 5
Pritchard, Richard H	323	5	Jan. 15
Peterson, John	328	2	Jan. 18
Purdy, Henry W	359	3	Feb. 1
Peterson, Peter C	389	6	Feb. 17
Price, James L	409	33	Mar. 3
Potter, Ebenezer	452	6	Mar. 23
Pierce, Aaron	475	4	Apr. 2
Pareis, John L	481	17	Apr. 6
Parisen, Harry	510	4	Apr. 19
Perry, F. T	604	10	May 22

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots— Continued.			
Phillips, John J	606	4	May 22
Provost, William H	614	11	May 26
Parker, Frederick	626	7	May 28
Peterson, Joel	667	4	June 17
Penny, Fred H	674	6	June 21
Pearsall, Charles E., jr.	725	4	July 12
Peterson, Carl	743	11	July 20
Parker, E. P	745	12	Do.
Pratt, C. W	778	16	Aug. 2
Peterson, Christian	863	15	Sept. 15
Patterson, Joseph	893	10	Sept. 29
Price, Thomas	904	12	Oct. 4
Phillips, David	921	4	Oct. 13
Potter, L. D	927	11	Oct. 16
Phillips, Lewis N	945	25	Oct. 25
Platt, Louis A	948	3	Oct. 26
Penny, John S	6212	16	Dec. 8
Quillan, Henry	432	18	Mar. 13
Quinn, W. C	834	3	Aug. 31
Quick, Abram P	995	14	Nov. 27
Rohde, Henry	324	7	Jan. 16
Roche, John	343	6	Jan. 27
Rose, Isaac	345	8	Do.
Riley, Donald H	378	3	Feb. 11
Robbins, William L	412	11	Mar. 4
Rackett, L. H	435	11	Mar. 16
Rackett, George H	447	12	Mar. 20
Romard, Florian	451	9	Mar. 22
Relyea, Oren D	457	2	Mar. 25
Ryder, William E	463	12	Mar. 29
Ryder, Charles	493	13	Apr. 10
Ross, George E	519	9	Apr. 22
Rose, Edwin	553	7	May 7
Roy, John	556	16	Do.
Roche, Maurice T	562	12	May 10
Russell, Edward	643	7	June 5
Remsen, A. L	649	10	June 8
Richardson, W. H	687	12	June 25
Rose, Frank	702	27	June 29
Rafford, Julius A	800	7	Aug. 12
Ryan, M. B	802	2	Aug. 14
Roswell, William	833	17	Aug. 30
Rohde, George C	838	8	Sept. 1
Reilly, Chris	915	28	Oct. 11
Robinson, George	6206	11	Dec. 3
Robinson, Robert	6242	3	Dec. 23
Sammis, Nathaniel S	311	5	Jan. 6
Smith, William A	322	12	Jan. 15
Smith, Lewis	333	7	Jan. 21
Suffir, Charles	360	11	Feb. 2
Spinney, R. M	344	6	Feb. 3
Spinneweber, Frank	361	6	Feb. 4
Steng, Frank	375	2	Feb. 5
Smith, Frank	379	8	Feb. 11
Smith, M. C	408	8	Mar. 3
St. John, Edgar	437	26	Mar. 16
Slayback, John	449	27	Mar. 22
Sanden, Andrew P	460	30	Mar. 26
Smith, Thomas	485	18	Apr. 7
Smith, Thomas	504	33	Apr. 15
Steele, Edward P	511	2	Apr. 19
Smack, Edwin	515	14	Apr. 20
Smith, William L	525	9	Apr. 24
Smack, Abraham	536	32	Apr. 30
Sheppard, Henry M	541	9	May 1
Slayback, John G., jr	549	1	May 5
Simms, Charles	550	15	May 6
Smith, Byron C	552	8	May 7
Scouten, Charles E., jr.	572	1	May 11
Spencer, George R	575	3	May 12
Smedley, John P	583	12	May 14
Sullivan, John J	616	13	May 26
Sullivan, William	645	10	June 7
Smith, George S	653	9	June 8
Smith, A. C	679	2	June 22
Smith, Henry T	680	3	June 23
Salisbury, Edward	719	6	July 9
Skidmore, James J	724	12	July 12
First-class pilots— Continued.			
Stillwell, F. I	734	8	July 19
Silvia, Charles H	739	16	July 20
Shaughnessy, M. F	759	10	July 26
Sands, Samuel H	765	9	July 28
Smedley, Thomas R	768	2	Do.
Smith, E. A	769	11	July 30
Syperrek, H. E	774	8	Do.
Skiffington, Bernard	784	14	Aug. 3
Streeter, William E	794	5	Aug. 7
Spicer, Silas	808	29	Aug. 17
Seekamp, Frederick	814	4	Aug. 21
Smith, Augustus	815	27	Do.
Silva, John J	826	11	Aug. 26
St. Clair, Frank	734	1	Aug. 27
Smith, S. V	849	6	Sept. 8
Shelton, William	875	10	Sept. 23
Smith, Ira	881	29	Sept. 25
Smith, Abe	887	7	Sept. 27
Stevens, William J., jr.	902	12	Oct. 2
Stillwell, Richard S	908	27	Oct. 6
Simms, David	911	17	Oct. 7
Smith, Charles A	934	7	Oct. 19
Sullivan, P. S	939	5	Oct. 22
Smith, James E	940	16	Do.
Svensen, Charles	941	3	Do.
Snyder, Benjamin F	949	4	Oct. 27
Smith, A. J	956	10	Oct. 30
Scofield, George H	973	2	Nov. 12
Sullivan, George	977	9	Nov. 15
Svensson, Nils A	981	4	Nov. 16
Silva, Austin	996	4	Nov. 29
Scheurer, George J	6207	2	Dec. 3
Smith, O. B	6219	7	Dec. 10
Somers, John	6224	9	Dec. 13
Smith, Alfred M	6227	9	Dec. 14
Sprague, James W	6229	4	Dec. 16
Scully, Thomas J	6233	6	Dec. 20
Stratton, James E	6235	12	Do.
Salisbury, William H	A6244	9	Dec. 24
Sherman, Alfred S	A6247	10	Dec. 27
Tuthill, John T	320	2	Jan. 13
Thurber, William F	387	12	Feb. 15
Torens, Claes N	390	3	Feb. 17
Tallmadge, William A	426	2	Mar. 11
Toppin, Nicholas	430	8	Mar. 13
Taylor, John	538	1	Apr. 30
Thomas, William H	589	1	May 18
Thorson, Ole J	597	1	May 19
Tallmadge, William L	598	17	May 20
Thurber, L. B	621	8	May 27
Taylor, John J. M	635	2	June 3
Thompson, Charles	638	2	June 4
Terpenning, W. V	655	2	June 10
Ten Eyck, James B	669	16	June 18
Thurber, E. E	672	3	June 21
Taylor, F. W	700	11	June 29
Tyte, Charles	705	16	July 1
Taxter, Joshua W	711	15	July 6
Tripp, George R	722	8	July 12
Tiffany, Charles B	751	5	July 23
Thompson, William H	770	14	July 30
Taylor, James S	804	7	Aug. 16
Titus, Joel H	812	27	Aug. 19
Taylor, George W	844	7	Sept. 4
Townsend, Samuel	879	28	Sept. 25
Townsend, R. W	933	8	Oct. 19
Tifft, Cyrus A	6216	7	Dec. 9
Tuttle, Nathan A	6237	15	Dec. 21
Upton, F. W	843	4	Sept. 3
Vail, Alonzo F	309	11	Jan. 5
Van Gelder, Ernest	388	6	Feb. 16
Van Denburgh, Wm. J.	489	12	Apr. 9
Vought, James H	516	10	Apr. 21
Van Buskirk, E. A	585	7	May 17
Van Gelder, I	601	6	May 20
Van Slyck, James	704	16	July 1
Van Etten, Allie N	718	2	July 8
Van Pelt, Benjamin	721	15	July 10

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Van Cott, C. H	726	4	July 13
Van Name, Israel J	737	6	July 19
Van Pelt, William J	825	6	Aug. 25
Van Boskirk, Philip E	837	5	Aug. 31
Van Pelt, George W	851	15	Sept. 10
Van Buren, Edward	880	8	Sept. 25
Van Valen, Peter	919	3	Oct. 12
Veen, David	946	37	Oct. 26
Wardell, George H	301	9	Jan. 2
Wynus, John R	304	5	Jan. 5
White, James C	308	33	Do.
Ward, Frank H., jr	328	2	Jan. 18
Williams, Thomas	338	2	Jan. 22
West, George A	340	1	Do.
Williamson, Richard	347	5	Jan. 28
Willix, James D	382	9	Feb. 13
Williams, H. C	396	9	Feb. 23
Wood, William H	398	5	Feb. 24
Whitehouse, Alfred N	382	5	Feb. 27
Watkinson, Joseph	419	2	Mar. 6
Walcott, William H	422	18	Mar. 8
Worden, Frank J	440	14	Mar. 17
Walcott, Albert J	491	6	Apr. 10
West, R. M	501	21	Apr. 14
West, N. H	503	6	Apr. 15
Weinert, Hugo	526	4	Apr. 24
Watts, Frank	547	11	May 5
West, John C	555	7	May 7
White, Arthur	568	6	May 10
Wissing, James	610	15	May 24
Whitlock, Benjamin N	661	5	June 11
Worthley, Charles A	662	13	June 14
Wilcox, T. T	684	4	June 24
Walker, George	694	9	June 26
Wyborn, Edward	698	10	June 29
Wilkes, W. B	708	3	July 1
Whiting, N. E	728	11	July 14
Windsor, Charles B	733	17	July 19
Wodrich, Paul	741	2	July 20
Worthley, John E	760	10	July 26
Wendelken, Fred	801	2	Aug. 14
Walsh, F. J. M	818	4	Aug. 23
Wilson, John	841	9	Sept. 3
Woglom, C. E	848	9	Sept. 8
Wheel, Joseph W	850	10	Sept. 9
West, Charles A	856	7	Sept. 13
Wares, D. M	864	15	Sept. 16
Weeks, Joseph B	884	4	Sept. 25
Weier, James	918	9	Oct. 11
Wood, Stephen	932	8	Oct. 19
Walz, Andrew	955	5	Oct. 30
Whiting, Samuel M	970	15	Nov. 10
Wulson, Aaron	982	19	Nov. 16
Wright, James	986	7	Nov. 22
Williamson, John E	6210	13	Dec. 6
Wilson, Edgar L	6222	10	Dec. 11
Wang, William H	6223	7	Do.
West, McClellan	6231	3	Dec. 17
Welch, John F	6236	7	Dec. 21
Young, George W	461	6	Mar. 26
Young, William W	678	11	June 22
Zobriskie, M. H	787	3	Aug. 5
Second-class pilots.			
Ames, Allison G	315	6	Jan. 14
Agusto, Angelo J	347	1	Feb. 4
Amundsen, Jacob E	412	7	Mar. 15
Allen, Elias T	477	10	Apr. 19
Allison, C. W	595	1	June 10
Anderson, Carl A	661	5	July 13
Albin, S. P	682	9	July 26
Androvett, A. A	698	6	Aug. 3
Aldrich, T. G	730	7	Aug. 24
Anderson, Charles	860	1	Dec. 8
Boyes, Charles W	312	3	Jan. 14
Beardsley, Isaac H	340	12	Feb. 1
Briggs, George	341	23	Do.
Second-class pilots—Continued.			
Bradford, Robert	365	12	Feb. 15
Bartenhagen, John L	375	1	Feb. 23
Bassford, Stephen von	390	1	Mar. 2
Bailey, F. O	396	3	Mar. 6
Bedell, Charles	403	6	Mar. 10
Burbank, Daniel	413	16	Mar. 15
Brown, Henry L	456	5	Apr. 8
Bartley, Matthew	495	10	Apr. 28
Bower, Peter	500	6	Apr. 29
Burnett, Robert	501	1	Do.
Buse, Henry F	507	6	May 3
Barber, O. T	517	2	May 10
Bogeart, Oliver	548	11	May 24
Bresnan, John R	566	10	June 1
Brady, Charles	573	12	June 3
Becking, Henry	579	1	June 4
Bockoven, George W	590	15	June 8
Barber, William A	602	2	June 12
Beyer, William J	613	6	June 16
Burns, John E	633	3	June 24
Baker, Charles R	653	1	July 8
Betz, Adam	664	7	July 15
Bennett, William H	708	4	Aug. 11
Bradley, William E	709	2	Do.
Bayne, P. T	736	3	Aug. 28
Bouchard, Frederick	742	1	Aug. 31
Braaf, Charles	744	12	Sept. 1
Burbank, Archer	760	12	Sept. 14
Bradley, John J	764	1	Do.
Burd, C. E	773	5	Sept. 22
Barber, William E	778	17	Sept. 23
Brinkerhoff, James D	779	9	Do.
Bacon, S. M	801	12	Oct. 18
Baker, Albert S	823	16	Nov. 6
Blanchfield, Pierce	834	8	Nov. 16
Brooks, Charles P	837	6	Nov. 17
Boggs, Edward P	843	5	Nov. 23
Bancker, Stephen F	857	5	Dec. 4
Berg, Carl	868	2	Dec. 15
Bloodgood, Charles H	871	9	Dec. 17
Byrnes, Philip F	877	1	Dec. 22
Brady, Francis E	884	9	Dec. 29
Boyer, Frank W	885	6	Do.
Conklin, Frederick	304	5	Jan. 4
Carlson, Fred	306	3	Do.
Cassidy, F. P	389	8	Mar. 2
Campbell, John A	404	3	Mar. 11
Clancy, Matthew	406	9	Do.
Cooper, Edward A	408	3	Mar. 13
Corson, Alfred D	429	12	Mar. 22
Crum, Peter J	434	9	Mar. 24
Costello, Charles E	442	6	Mar. 29
Conway, N. J	467	8	Apr. 13
Coons, Mary W	468	12	Apr. 14
Coon, Charles H	502	8	Apr. 30
Clemence, James	524	7	May 12
Connors, William J	582	1	June 5
Collins, William	607	25	June 14
Crawson, Edgar	611	4	June 16
Cahill, William	623	10	June 21
Compton, Arthur	631	1	June 23
Cross, John E	648	11	July 6
Corson, Charles B	650	1	Do.
Cook, James	693	1	July 31
Crawford, George W	720	14	Aug. 18
Clark, T. M	728	19	Aug. 23
Cooney, Matthew	740	8	Aug. 31
Clark, Daniel	748	15	Sept. 3
Crozier, William	749	5	Sept. 4
Custance, George E	777	11	Sept. 23
Conover, W. H	816	1	Oct. 29
Crippen, M. E	828	6	Nov. 10
Dey, John J	322	3	Jan. 18
Douglass, William W	354	26	Feb. 9
Doerrer, John	393	6	Mar. 4
DeRonde, William	411	4	Mar. 15
Dewey, Nathaniel	473	8	Apr. 16
Drost, Lewis K	478	4	Apr. 19

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Doescher, Louis	504	4	May 1
Dillon, James J	514	1	May 6
Dentz, Charles H	525	2	May 12
Darby, Godfrey	541	3	May 21
Durlacher, August	603	6	June 14
Dennis, William S	632	9	June 24
Darling, Amos	672	3	July 20
Duval, William F	686	11	July 29
Decker, C. G	790	1	Oct. 6
Deming, Percy R	806	3	Oct. 22
Dragon, Robert H	814	4	Oct. 27
Dougherty, Harry	874	2	Dec. 18
Eastman, Reuben	319	3	Jan. 16
Ellard, William H	329	2	Jan. 21
Edwards, Jacob W	457	10	Mar. 26
Eldridge, Henry	441	6	Mar. 22
Edwards, Charles	542	3	May 21
Eaton, Frederick	564	4	May 29
Edwards, E J	645	3	July 6
Erickson, V. E	667	6	July 19
Ellis, George	678	3	July 24
Engels, Charles S	808	14	Oct. 23
Flannery, Keran	321	6	Jan. 16
Forsyth, William H	343	8	Feb. 2
Fullerton, John R	355	2	Feb. 9
Finley, Patrick	387	13	Mar. 1
Feeley, Bernard	515	17	May 7
Frost, John S	556	8	May 27
Facks, John E. W	571	4	June 3
Fountain, Thomas R. N.	586	3	June 7
Free, Albert	643	3	July 2
Ferguson, Fowler	703	16	Aug. 5
Flinn, James B	797	8	Oct. 14
Flagg, William	798	3	Oct. 15
Flannery, Thomas	805	19	Oct. 20
Grathwohl, Henry	311	4	Jan. 11
Gully, James D	330	1	Jan. 21
Griffen, John	357	2	Feb. 10
Greenwood, Samuel	363	16	Feb. 13
Green, Joseph	379	6	Feb. 25
Gett, Fred	405	14	Mar. 11
Gully, W. A	414	4	Mar. 16
Garrison, F. M	424	4	Mar. 19
Grove, George W	433	5	Mar. 24
Grant, Louis J	449	5	Mar. 31
Gan, Joseph C	462	6	Apr. 10
Grove, William	503	7	May 1
Greenen, Edward	520	1	May 19
Gallagher, Thomas	539	6	May 20
Grabholz, Peter L	589	4	June 7
Gillette, Henry	624	3	June 21
Gardiner, Francis	639	3	July 1
Goodwin, Thomas E., jr	640	9	Do.
Gallagher, George	670	8	July 20
Grant, Victor	774	11	Sept. 22
Granger, George O	776	10	Do.
Gillen James J	807	2	Oct. 23
Garrison, Benjamin	827	15	Nov. 10
Gunderson, Gunder	857	3	Nov. 30
Gill, Frank	862	2	Dec. 11
Hooker, James C	318	7	Jan. 15
Hayes, Patrick	380	9	Feb. 25
Harrold, William H	398	15	Mar. 8
Horan, Henry F	407	5	Mar. 12
Howell, H. W. F	431	3	Mar. 22
Hand, F. M	446	2	Mar. 30
Halsey, William H	455	8	Apr. 7
Hawxhurst, Fred	457	12	Apr. 8
Harriman, Louis	460	11	Apr. 9
Halliday, William	465	11	Apr. 13
Harbo, Gottlieb	469	7	Apr. 14
Hendrikson, Louis	485	2	Apr. 22
Hansen, James J	497	4	Apr. 28
Hegarty, John J	499	3	Apr. 29
Hanford, Theodore	516	3	May 8
Hayden, George F	521	10	May 11
Hamann, A. C	522	2	Do.
Hallock, James D	555	10	May 27
Second-class pilots—Continued.			
Hutchinson, James L	576	5	June 4
Hansen, Magnus	616	4	June 17
Harvey, James F	655	1	July 9
Hall, Isaac G	657	2	July 10
Holgran, Charles	688	2	July 30
Hallock, B. W	701	8	Aug. 5
Halstead, H. J	717	3	Aug. 17
Hamilton, M. E	722	1	Aug. 19
Hagan, Gus	727	6	Aug. 23
Hyatt, Walter B	759	11	Sept. 10
Howe, Patrick	761	11	Sept. 13
Hodgkinson, Geo. S., jr	770	6	Sept. 18
Holden, T. B	803	12	Oct. 19
Howard, William	812	12	Oct. 27
Hyatt, M. J	819	22	Nov. 1
Hazard, Leonard	979	9	Nov. 15
Hayward, Robert M	840	1	Nov. 18
Hyres, Edward H	859	7	Dec. 6
Hennessey, Daniel	876	1	Dec. 21
Iverson, K. P	384	6	Mar. 1
Irwin, Charles P	529	6	May 15
Jellison, Horace W	309	2	Jan. 8
Jansen, Julius C	326	8	Jan. 20
Jones, Charles H	339	13	Jan. 30
Jenks, Fred S	352	5	Feb. 8
Judson, William	358	3	Feb. 10
Jones, Richard	368	17	Feb. 18
Jeffrey, L. A., jr	399	3	Mar. 9
Jellison, Charles H	400	5	Do.
Johnson, C. O	401	1	Do.
Jackson, Harry N	439	2	Mar. 26
Jenson, Emil S	445	3	Mar. 29
James, Harrison	453	2	Apr. 5
Judson, Agur	598	17	June 11
Jackson, Oscar E	626	2	June 22
Johnson, Lorenzo D	649	13	July 6
Jeffrey, William L	658	6	July 12
Johnson, Frank L	832	4	Nov. 16
Johnson, A	839	11	Nov. 18
Johnson, Leonard A	841	4	Nov. 23
Johnson, Albin	887	1	Dec. 30
Kenny, Matthew	313	6	Jan. 12
Kay, William	316	3	Jan. 15
Kelsey, Woodhull H	350	2	Feb. 5
Kilroy, James	369	4	Feb. 18
Kiernan, Patrick	378	28	Feb. 24
Kiernan, T. F	397	8	Mar. 8
King, Charles	474	13	Apr. 17
Ketcham, William J	552	10	May 27
Kreiger, Peter	562	13	May 28
Keyes, William H	665	8	July 15
King, Howard F	758	3	Sept. 10
Kolnken, Peter	772	7	Sept. 18
Kasten, John	781	1	Sept. 28
Kayser, John	784	6	Sept. 30
Kline, Thomas S	836	6	Nov. 17
Kennedy, James	838	11	Nov. 18
Kenether, Augustus C.	858	6	Dec. 4
Knudsen, Christian	864	5	Dec. 14
Lundberg, Edward	320	3	Jan. 16
Lemaistre, Philip	322	15	Jan. 23
Larsen, Thomas	304	7	Feb. 15
Langfeldt, Severin H	303	7	June 2
Lorenz, Herman	415	5	Mar. 16
Leahy, Daniel J	430	5	Mar. 22
Lawson, John E	458	8	Apr. 8
Lounsbury, William E.	508	12	May 4
Lund, Christian	606	9	June 14
Lewis, E. P	621	18	June 21
Loundes, S. H	646	13	July 6
Lockwood, Charles G	656	4	July 10
Loundes, William R	666	9	July 19
Loader, E. S	704	1	Aug. 5
Lawson, Robert	732	16	Aug. 26
Larsen, Andrew	787	7	Oct. 4
Lambert, Ira	817	23	Oct. 29
Laverty, John J	820	5	Nov. 4
Murphy, James	324	21	Jan. 19

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Morrell, Daniel H	331	7	Jan. 23
McKillop, James H	335	15	Jan. 28
McKeon, Thomas	345	2	Feb. 4
McNeill, Daniel	348	7	Do.
McCarthy, John	385	18	Mar. 1
McCaffrey, Thomas	417	5	Mar. 16
Moran, James F	423	1	Mar. 17
Moehling, Frederick	427	8	Mar. 19
Melick, Edward	454	16	Apr. 6
McAllister, Daniel	466	3	Apr. 13
McLaughlin, James	471	15	Apr. 14
Miland, Hugh	482	4	Apr. 20
McDermott, Edward	484	3	Apr. 22
Mead, A. R	487	9	Apr. 24
Moran, Andrew J	513	8	May 6
Morris, Albert	550	11	May 24
McGrath, John	570	2	June 2
Minnerly, N	580	14	June 4
McGreevy, P. J	581	1	Do.
McCullough, Thomas	591	2	June 8
McAllister, Charles	593	1	June 9
McCarron, John	614	9	June 16
McFeeley, James	619	1	June 17
Meyer, Theodore	630	6	June 23
Murray, John	687	16	July 29
Macrea, Charles A	705	14	Aug. 6
Murray, David	707	13	Aug. 10
Matthews, C. E	738	9	Aug. 30
McCurry, Richard	750	11	Sept. 4
Mulvey, Thomas	754	6	Sept. 9
McKillop, M. J	763	13	Sept. 14
McRoberts, John N	775	9	Sept. 22
McGill, Daniel	789	14	Oct. 6
McGrath, M. T	793	4	Oct. 11
Martin, I. S	794	10	Oct. 13
Mills, E. R	810	1	Oct. 26
McHenry, E. J	822	1	Nov. 5
Matthews, T. F	825	13	Nov. 8
Monohan, William H	847	2	Nov. 26
McKillop, Daniel P	848	12	Do.
McAllister, Patrick	849	8	Nov. 27
Morrow, John	850	9	Nov. 29
Malone, John W	853	7	Dec. 1
Maxwell, George S	866	7	Dec. 15
McCurry, James	888	14	Dec. 30
Norman, William	308	4	Jan. 6
Nolan, Thomas D	333	10	Jan. 26
Nevins, Daniel	425	18	Mar. 18
Nadele, George W	432	4	Mar. 24
Nevins, Daniel	489	2	Apr. 26
Nilsen, Ole	530	6	May 17
Nelsen, Christian	842	1	Nov. 23
Norwood, Robert W	845	5	Nov. 24
Newman, Miller	881	10	Dec. 27
Osment, William	325	1	Jan. 19
O'Haltz, Charles E	388	8	Mar. 2
Olson, August	518	3	May. 10
Olsen, O. G	560	7	May 28
Oakley, Henry	654	5	July 9
O'Connor, E. F	712	1	Aug. 12
Osterhout, Charles J	725	3	Aug. 21
Olsson, Olof	792	4	Oct. 11
O'Brien, John	811	13	Oct. 27
O'Brien, James	833	1	Nov. 16
Olsen, Adolph	852	2	Nov. 30
Osborne, Charles H	882	9	Dec. 27
Olson, Otto J	883	13	Dec. 28
Pastor, William Harry	307	13	Jan. 5
Phillips, George B	353	6	Feb. 8
Palmer, Reuben H	356	16	Feb. 10
Peterson, Theodore	383	1	Feb. 27
Post, Burdett S	392	4	Mar. 3
Paige, F. R	395	12	Mar. 5
Peace, Adam	438	7	Mar. 26
Porter, William H	483	10	Apr. 21
Percival, Charles J	511	6	May 6
Pawson, F. E	531	2	May 17
Prichard, Carlos J	532	11	Do.
Second-class pilots—Continued.			
Purdy, George D	669	7	July 20
Petty, R. E	674	10	July 22
Pederson, Jacob	665	5	July 23
Peet, Edward	679	2	July 26
Peterson, John H	723	3	Aug. 19
Palmer, Charles	724	15	Aug. 20
Pinckney, O. C	747	4	Sept. 2
Pyne, Thomas J	752	5	Sept. 9
Payne, E. H	826	14	Nov. 9
Post, Andrew D	873	4	Dec. 18
Rogers, Philip	310	12	Jan. 8
Russell, Eugene A	317	12	Jan. 15
Ross, Daniel H	328	7	Jan. 21
Raynor, John F	346	3	Feb. 4
Rowley, Frank W	351	5	Feb. 6
Ryder, J. P	371	10	Feb. 18
Reckhow, Abram	391	6	Mar. 3
Ryder, J. V	418	12	Mar. 17
Reilly, Edward J	436	1	Mar. 25
Rector, Charles E	447	1	Mar. 30
Rea, Joseph	450	15	Apr. 1
Rowland, H. B	498	6	Apr. 28
Redmond, John	506	9	May 3
Raymond, Charles W	537	9	May 19
Reilly, James	549	2	May 24
Ripley, Joseph S	605	18	June 14
Russell, Herbert	652	17	July 8
Ryder, Charles H	719	4	Aug. 18
Rogers, John	721	20	Aug. 19
Russell, Daniel F	780	5	Sept. 24
Reilly, Edward L	783	2	Sept. 30
Raaberg, Anton	796	9	Oct. 14
Russell, William I	815	5	Oct. 29
Reilly, James A	844	3	Nov. 24
Reid, Peter	863	10	Dec. 11
Ruland, John E	867	12	Dec. 15
Seaman, Charles	314	7	Jan. 13
Smith, James	359	5	Feb. 11
Shufelt, Augustus	361	12	Do.
Svensen, Lars	373	5	Feb. 20
Smith, Cyrenius T	374	18	Do.
Sullivan, Michael	402	6	Mar. 10
Stansbury, H. B	409	12	Mar. 13
Smith, Daniel S	440	4	Mar. 27
Shanley, James	463	7	Apr. 12
Sherman, Thomas P	479	11	Apr. 19
Schoenberger, William	480	4	Apr. 20
Shaw, Alexander	488	6	Apr. 26
Stebbins, Alexander G	491	18	Do.
Southard, William H	496	8	Apr. 28
Shultis, Andrew	509	5	May 4
Stebbins, Bion	544	15	May 22
Simms, E. A	545	3	Do.
Smith, H. C	559	13	May 28
Sutton, David L	569	4	June 2
Sjolund, Wilhelm	572	6	June 3
Soehl, August	583	11	June 5
Seeley, Lafayette D	584	1	Do.
Sullivan, Michael F	588	13	June 7
Sloan, William S	601	9	June 12
Strand, John	610	1	June 15
Stillwaggon, William H	620	16	June 19
Stinson, Frank	635	8	June 28
Sullivan, John	680	11	July 26
Slaight, Sidney	695	10	Aug. 2
Snow, William B	696	8	Do.
Smith, E. L	697	5	Aug. 3
Stillwaggon, F. J	713	3	Aug. 13
Sheehan, James J	729	5	Aug. 23
Stuart, Charles W	731	1	Aug. 24
Simmons, Arthur G	756	1	Sept. 10
Silliman, Jasper T	782	20	Sept. 29
Shand, William	799	7	Oct. 16
Stokes, James	804	14	Oct. 20
Small, Thomas	818	13	Oct. 30
Scrobogna, George	835	12	Oct. 17
Seeley, Louis M	856	14	Dec. 4
Straw, Samuel	879	2	Dec. 23

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Selleck, Sands	880	13	Dec. 27
Smith, Luther B	886	6	Dec. 29
Thomas, Smith	377	3	Feb. 24
Thomas, Solomon, jr	381	16	Feb. 26
Tallamn, John E	452	7	Apr. 3
Tubby, Edward	527	5	May 14
Traver, George E	551	9	May 25
Torgersen, Lars	574	1	June 3
Tuck, N. L	597	4	June 11
Tice, Oscar	690	27	July 30
Templeton, William J	692	8	July 31
Tague, Andrew F	739	2	Aug. 31
Tierney, Michael J	786	3	Oct. 1
Taylor, C. K	809	10	Oct. 26
Terney, H. W	824	2	Nov. 8
Ungfeldt, Albert	416	1	Mar. 16
Urich, William P. B	795	13	Oct. 13
Van Pelt, Seeley	475	10	Apr. 17
Van Name, Charles	476	13	Do.
Van Name, John A	505	8	May 1
Van Horn, William	557	3	May 28
Van Steenburg, Lyman	660	3	July 13
Van Alst, Harry	681	5	July 26
Van Nostrand, Charles	683	6	July 27
Van Alst, William M	800	2	Oct. 16
Velsor, Daniel	865	7	Dec. 15
Van Valen, George W	869	3	Dec. 16
Van Name, Herbert	875	5	Dec. 21
Van Buren, John	878	7	Dec. 23
Weston, B. H	337	10	Jan. 29
Webber, George R	342	2	Feb. 1
Wilson, E. N	349	8	Feb. 5
Wright, Preston A	360	1	Feb. 11
Williams, Otto	366	6	Feb. 17
Wells, James T	372	7	Feb. 19
Wicks, George A	376	10	Feb. 24
Walker, Alfred, jr	394	1	Mar. 4
Wallace, Andrew	410	6	Mar. 15
Wilde, William A	419	5	Mar. 17
Wooley, William	422	10	Do.
Wilson, Alexander	481	17	Apr. 20
White, Francis	512	1	May 6
Wheln, John F	547	7	May 22
Warnke, Charles	567	5	June 1
Wilson, John	625	9	June 22
Warring, William F	627	1	Do.
Wilson, William J	628	1	Do.
White, John	636	1	June 29
Weisbecker, George	644	9	July 3
Wilson, John J., jr	677	24	July 23
Walter, Charles	684	5	July 28
White, J. M	699	8	Aug. 4
Woodworth, A. E	735	8	Aug. 28
Whittaker, S. H	751	4	Sept. 9
Woodmancy, James F	791	15	Oct. 8
Wigmore, James	802	13	Oct. 18
Walker, M. J	813	13	Oct. 27
Winslow, Edward B	831	9	Nov. 15
Wilson, Frank	855	4	Dec. 3
Wright, William	861	2	Dec. 9
Young, James W	336	1	Jan. 28
Yarrington, John M	830	4	Nov. 15
Zwickl, Maximilian	599	8	June 11
Special pilots.			
Acker, Henry E., jr	538	10	May 19
Akerly, Andrew	676	12	July 23
Baird, Alexander L	526	7	May 19
Biddle, Charles S	632	9	June 21
Bishop, Julius C	689	5	July 30
Bulin, George F	771	7	Sept. 11
Belknap, Henry	854	1	Dec. 2
Crabbe, Edward	362	2	Feb. 13
Carman, William A	367	2	Feb. 18
Clark, Ernest P	472	4	Apr. 15
Clock, W. W	494	2	Apr. 28
Cole, William A	526	3	May 13
Special pilots—Cont'd.			
Crawford, H. G	575	4	June 3
Chrystie, F. F	577	9	June 4
Clark, Baylies C	609	2	June 15
Currier, Osceola	618	1	June 17
Chapman, H. W	634	6	June 28
Chase, A. W	663	2	July 14
Conk, Charles J	691	5	July 30
Cronk, Jasper T	737	15	Aug. 20
Carle, William J	762	9	Sept. 14
Carracioli, N. B	846	12	Nov. 26
De Ronde, Theodore	420	3	Mar. 17
Doane, Charles R	587	4	June 7
Dunn, James A	620	3	June 22
Darroch, Angus	662	8	July 14
Dunlap, Matthew	700	4	Aug. 5
Duncan, Stuart	757	3	Sept. 10
Edwards, Frank	753	5	Sept. 9
Filly, Paul C	558	2	May 28
Fondeville, A. J	766	5	Sept. 15
Higgins, William B	301	4	Jan. 2
Howard, John H	464	4	Apr. 13
Hagemeyer, J. A	470	2	Apr. 14
Hickey, John J	486	2	Apr. 23
Hawxhurst, T. S. K	490	3	Apr. 26
Harris, John S	543	6	May 22
Hemmes, Adam	565	6	May 29
Harris, Jabez	592	13	June 8
Humphreys, Frank L	596	1	June 10
Haskins, Charles A	637	6	June 30
Hoyt, H. L	638	9	July 1
Hill, Charles E	685	10	July 28
Housman, Jacob	733	2	Aug. 27
Hogins, H. H	245	1	Sept. 2
Hart, C. D	785	2	Oct. 1
Jackson, A. Wendell	612	1	June 16
Kearney, Robert W	553	3	May 27
Kopetschny, O. E	600	1	June 11
Kuehne, Charles	726	5	Aug. 21
Kliver, A. P	746	8	Sept. 2
Lyne, L. F	561	2	May 28
Lent, A. C	671	13	July 20
Marshall, Alfred	386	3	Mar. 1
Mollenhauer, J. Adolph	421	1	Mar. 17
McLoughlin, Charles	444	4	Mar. 29
Masury, Fred L. M	519	1	May 10
Murphy, James H	604	5	June 14
May, Garrett	715	5	Aug. 16
Martin, Thomas	716	2	Aug. 17
Morris, Dave H	788	4	Oct. 4
Norton, W. F	642	12	July 2
Noyes, H. F	694	2	Aug. 2
O'Brien, Thomas	617	3	June 17
Ott, F. H	743	9	Sept. 1
Polson, John	327	1	Jan. 20
Patterson, Trevonian H	435	2	Mar. 25
Post, William H	443	2	Mar. 29
Pease, Richmond	546	7	May 22
Powers, William A	594	3	June 9
Peterson, S. A	706	6	Aug. 10
Potter, D. C	714	7	Aug. 13
Payne, Frank S	767	7	Sept. 16
Raynor, Charles W	426	2	Mar. 18
Ronalds, George S	492	2	Apr. 26
Ryder, C. F	533	4	May 17
Ruppert, Jacob, jr	534	2	May 19
Ruppert, Frank	554	1	May 27
Ruppert, George E	578	2	June 4
Rogers, Albert V	585	2	June 7
Ryan, John	651	7	July 7
Richards, Joseph	710	11	Aug. 11
Reichmann, William	768	7	Sept. 16
Sanford, John, jr	428	6	Mar. 20
Seidenburg, Gustavus	451	6	Apr. 2
Strickland, O. B	493	2	Apr. 26
Stengard, Peter	423	1	May 11
Smith, B. Frank	535	3	May 19
Stray, Ralph	540	2	May 20
Squier, Benjamin F	568	4	June 1

Pilots licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.				*Special pilots*—Cont'd.			
Sypher, DeWitt C	659	12	July 13	Webster, John G	448	3	Mar. 30
Stephens, Clinton	711	4	Aug. 12	Webber, Charles L	510	2	May 4
Church, William H	829	5	Nov. 11	Wirsching, James E	528	3	May 15
Taylor, W. W	334	3	Jan. 27	Woodward, E. S	563	2	May 29
Thorne, John H	615	2	June 16	Winant, Thomas	673	8	July 21
Tompkins, E. E	647	7	July 6	Walters, Samuel A	765	4	Sept. 15
Thompson, Walter	702	4	Aug. 5	Warner, John F	769	1	Sept. 16
Thomson, John	755	15	Sept. 9	Walker, William M	870	3	Dec. 16
Voris, James P	641	3	July 1	Whittier, Jason P	872	6	Dec. 17
Vreeland, G. W	718	7	Aug. 17	Zorn, Frederick	821	9	Nov. 4
Wright, William M	305	7	Jan. 4				

Joint pilots and engineers licensed during the year ended December 31, 1897—New York, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Bedell, James	154	4	May 11	Mallett, George H	177	4	Nov. 18
Clayton, W. W	155	2	May 12	Negus, Robert W. S	156	2	May 20
Crabtree, John A	170	4	Aug. 17	Nichols, Harry C	163	5	July 8
Davison, Winfield	162	3	July 2	Proul, Arthur B	158	2	May 26
Dans, Albert D	173	1	Aug. 28	Peteler, William H	153	7	Apr. 10
Darling, Charles T	174	11	Aug 31	Guandie, Louis	169	8	Aug. 12
Graham, Frank	165	1	July 20	Reynolds, Charles B	167	7	Aug. 11
Holt, William	160	10	June 7	Reed, George	172	6	Aug. 24
Hawks, W. T	166	9	Aug. 6	Smith, G. P	151	1	Feb. 18
Kraemer, Charles L	161	1	June 22	Smith, Adolph T	168	8	Aug. 12
Muller, John P	157	3	May 21	Will, John A	152	3	Mar. 3
Mount, Elmer M	159	1	May 27	Watts, Theodore J	164	5	July 8

Engineers licensed during the year ended December 31, 1897—New York, N. Y.

Chief engineers—(ocean).				*Chief engineers (ocean)*—Continued.			
Albinson, John E	A1276	7	Jan. 21	Barrett, Thomas H	A2202	18	July 6
Austin, George	A1803	26	May 6	Briscoe, J. W	A2250	8	July 17
Allan, George	A2052	14	June 9	Breese, Theodore	A2272	15	July 20
Ashmore, Samuel	A2640	8	Sept. 21	Benson, Albert B	A2474	37	Aug. 24
Andrews, Charles	A8169	19	Oct. 13	Bisset, Robert S	A2530	19	Sept. 1
Ayer, Augustus S	A8255	25	Nov. 6	Brun, Charles L	A2562	4	Sept. 8
Amazeen, Fred L	A8353	14	Dec. 2	Beagan, Michael A	A8168	12	Oct. 13
Browne, Richard P	A1236	9	Jan. 12	Burwell, William	A8182	13	Oct. 16
Brockwell, John B	A1258	14	Jan. 18	Bunker, William A	A8185	28	Oct. 18
Baragwanath, Henry	A1261	12	Jan. 19	Barr, Walter F	A8244	16	Nov. 1
Bergenson, John	A1265	14	Do.	Baber, Ernest	A8281	1	Nov. 11
Butell, E. M	A1239	15	Jan. 27	Boag, John	A8286	2	Nov. 12
Boyd, Edward J	A1217	13	Jan. 30	Berry, Samuel H	A8369	24	Dec. 6
Bunstine, Neven	A1268	9	Feb. 11	Benford, Ira M	A8376	18	Dec. 8
Bampton, Benjamin C	A1402	15	Feb. 20	Black, John	A8435	7	Dec. 22
Bungey, Charles	A1417	13	Feb. 26	Cornell, William A	A1209	37	Jan. 4
Booth, Nathaniel E	A1419	4	Mar. 4	Clift, William	A1235	24	Jan. 12
Bunn, John W	A1452	11	Mar. 5	Carroll, Thomas H	A1330	6	Feb. 2
Boyle, Adam E	A1578	19	Mar. 27	Clarke, Samuel J	A1380	13	Feb. 16
Bay, Bertel T	A1650	13	Apr. 10	Cantner, Samuel L	A1483	14	Mar. 11
Beardsley, Edward T	A1659	11	Apr. 12	Clark, John W	A1499	14	Mar. 13
Bailey, Hugh J	A1708	8	Apr. 19	Chestnut, Robert	A1549	10	Mar. 22
Bernier, Louis	A1725	13	Apr. 21	Campbell, George W	A1640	23	Apr. 7
Bryan, James C	A1795	26	May 5	Charlton, W. P	A1709	9	Apr. 17
Bisset, Robert E	A1802	3	May 6	Corson, George B	A1703	28	Apr. 19
Butler, Henry G	A1804	37	Do.	Cavan, James	A1711	5	Apr. 20
Best, William H	A1935	35	May 24	Colcord, William A	A1832	14	May 11
Brodie, William	A1939	5	Do.	Chicholm, David	A1886	20	May 17
Belknap, William	A1951	34	May 25	Carnegie, James	A1967	5	May 27
Butler, George H	A1956	18	Do.	Corrigan, James	A1976	8	May 28
Baker, Samuel S	A1957	24	Do.	Cushing, William E	A2005	35	June 4
Bunce, Charles E	A2011	27	June 5	Charlton, Emmet G	A2095	8	June 16
Boyd, Henry G	A2040	8	June 8	Caplis, John	A2111	27	June 19
Brown, James	A2110	10	June 19	Carey, Thomas A	A2135	18	June 23
Boyling, Charles H	A2154	5	June 25	Crowley, James P	A2190	7	July 3

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Coleman, George F	A2232	24	July 14
Crapser, Ethelward	A2249	17	July 17
Carroll, Andrew J	A2262	11	July 19
Colter, William	A2301	12	July 24
Crapser, Abraham B	A2334	35	July 29
Carson, Archibald	A2374	14	Aug. 6
Coyle, James E	A2445	25	Aug. 19
Clarke, John F	A2451	29	Aug. 20
Clayton, Henry	A2475	11	Aug. 24
Crapser, William H	A2479	30	Do.
Campbell, Albert	A2481	16	Aug. 25
Corey, James H	A2537	4	Sept. 2
Crawford, William H	A8114	22	Oct. 2
Cartwell, George	A8128	3	Oct. 5
Crilley, John W	A8209	13	Oct. 22
Carlsen, Abraham	A8240	4	Oct. 30
Charlton, Casper E	A8356	14	Dec. 4
Dodd, Frederick J	A1239	8	Jan. 13
Davidson, William J	A1291	17	June 25
Dunn, George A	A1772	13	May 3
Donovan, William L	A1966	21	May 27
Davis, Frank O	A2023	28	June 7
Derling, William	A2049	6	June 9
Dooley, James F	A2051	9	Do.
Devine, George	A2073	29	June 14
Donley, Theodore A	A2195	15	July 6
Dibb, John	A2242	3	July 16
Dixon, William J	A2300	25	July 24
Delahanty, Thomas	A2394	8	Aug. 10
Devoe, Hamilton	A2429	30	Aug. 16
Duncan, W. J. H	A2457	30	Aug. 21
De Silva, David	A2620	19	Sept. 18
Etter, Samuel W	A1243	33	Jan. 15
Engman, Charles F	A1367	8	Feb. 11
Ellis, Edgar W	A1374	13	Feb. 13
Evans, James	A1448	43	Mar. 4
Evans, John	A1599	13	Mar. 30
Evans, Christopher	A1828	32	May 10
Egan, John	A2118	13	June 21
Evans, Charles E	A2330	10	July 28
Emerson, Thomas	A8428	17	Dec. 21
Ford, Michael J	A1247	22	Jan. 15
Ford, James	A1312	17	Jan. 30
Flor, Theodore	A1361	10	Feb. 9
Fleming, James A	A1366	17	Feb. 11
Finkel, Charles E	A1523	21	Mar. 17
Finnie, Thomas	A1671	23	Apr. 13
Ford, Daniel E	A1979	19	May 28
Fraser, John	A2030	9	June 8
Floyd, William R. E	A2042	15	June 9
Fowler, John W	A2352	28	Aug. 2
Fry, Alfred Brooke	A2362	13	Aug. 3
Fitzpatrick, James	A2502	27	Aug. 28
Freer, William G	A2503	20	Do.
Gallagher, Charles J	A1326	14	Feb. 4
Green, Charles H	A1446	15	Mar. 4
Gardiner, William C	A1575	21	Mar. 26
Geare, H. W	A1833	9	May 11
Garrett, William L	A1885	1	May 17
Goss, Edwin	A1892	23	May 18
Gibson, Robert A	A1924	19	May 22
Gibson, Frederick J	A2152	14	June 25
Garretson, Christop'r B	A2430	10	Aug. 16
Gilbert, Gilbert L	A2462	15	Aug. 21
Gibson, William	A2584	2	Sept. 11
Greenwood, Edward	A8190	16	Oct. 18
Griffen, Dennis	A8197	8	Oct. 19
Gaul, Ray	A8421	24	Dec. 29
Gardiner, Winfield S	A8422	8	Do.
Hamilton, Thomas	A1309	6	Jan. 29
Hering, David	A1376	29	Feb. 15
Hall, Thomas	A1414	16	Feb. 25
Harsen, Edward D	A1454	18	Mar. 6
Harrison, John J	A1462	27	Mar. 8
Hansson, Henry J	A1570	7	Mar. 24
Howard, Lyman	A1750	6	Apr. 28
Hansen, Magnus	A1759	9	Apr. 29
Huckins, Daniel M	A1782	26	May 4
Chief engineers (ocean)—Continued.			
Hermes, J. George	A1912	20	May 21
Horton, Charles L	A1999	18	June 3
Hoffman, Philip H	A2013	26	June 5
Heilbrun, Theodore	A2100	15	June 17
Hodgart, William R	A2136	14	June 22
Hanafey, John C	A2283	19	July 22
Hughes, Thomas, jr	A2489	10	Aug. 26
Hunter, John	A2522	3	Aug. 31
Healey, Joseph	A2569	9	Sept. 9
Hamilton, Gavin	A2643	2	Sept. 22
Hook, James M	A8238	32	Oct. 30
Harris, E. W	A8239	11	Do.
Ingram, Lucius L	A2670	7	Sept. 25
Ingram, Robert B	A8322	24	Nov. 24
Johnson, J. Isaac	A1221	10	Jan. 6
Johnson, John M	A1478	10	Mar. 11
Jameson, James S	A1490	11	Mar. 12
Johnson, E. P	A1800	21	May 6
Jennings, Robert	A1844	7	May 12
Jones, John	A1904	23	May 20
Jennings, Bernard J	A2066	7	June 11
Johnson, William H	A2425	22	Aug. 16
Joyce, William	A3634	3	Sept. 20
Johnson, George A	A8417	9	Dec. 18
Jordan, James T	A8451	24	Dec. 30
Kerst, George W	A1491	19	Mar. 13
Kolb, George A	A1573	6	Mar. 25
Karlson, August	A1746	12	Apr. 26
Kennedy, Alexander A	A2192	13	July 6
Kirk, John	A2263	15	July 19
Keating, John E	A2690	11	Sept. 29
Kennedy, Charles P	A8116	9	Oct. 2
Kerr, Robert	A8340	3	Nov. 30
Lyden, Joseph	A1278	17	Jan. 22
Lyons, R. D	A1827	17	May 10
LeFevre, Peter E	A1840	29	May 11
Langlotz, Robert F	A1941	13	May 24
Lonney, Thomas F	A2138	23	June 23
Lowell, John B	A2267	36	July 20
Lindsay, William	A2433	7	Aug. 17
Lambden, John	A2527	12	Sept. 1
Lohman, Axel F	A2550	31	Sept. 7
Lindley, Jonah	A2577	8	Sept. 10
Lockett, John	A2578	15	Do.
Lyell, John	A2881	1	Sept. 11
Lister, Henry B	A2587	5	Sept. 13
Lamothe, Hippolite	A2631	14	Sept. 20
Lutz, John H	A2692	12	Sept. 29
Lyon, J. Wyckoff	A2697	12	Sept. 30
Lewis, James J	A8101	29	Oct. 1
Lafferty, Daniel	A8271	16	Nov. 9
Lanigan, George A	A8304	42	Nov. 18
Leary, William H	A8358	10	Dec. 3
Livingston, Jacob	A8449	17	Dec. 30
Mowbray, George W	A1205	14	Jan. 2
Moriarty, William A	A1212	22	Jan. 5
McEwan, Campbell	A1229	20	Jan. 9
Miller, John B	A1252	17	Jan. 16
Molvenna, F. T	A1263	8	Jan. 19
Monroe, William C	A1285	10	Jan. 23
McCarthy, Robert P	A1415	14	Feb. 25
McDonald, John	A1459	7	Mar. 8
McBride, James J	A1497	20	Mar. 13
Morrison, Robert M	A1603	33	Mar. 31
Mars, Edward J	A1653	9	Apr. 10
Morrissy, John	A1737	27	Apr. 23
Morrison, William	A1739	10	Do.
Moncks, Thomas J	A1775	11	May 3
MacArthur, Donald	A1787	5	May 4
Murdock, William	A1810	6	May 7
Morris, Henry	A1859	25	May 14
McDowell, James	A1863	7	May 15
McCullough, Harry	A1889	27	May 17
Misset, Edward	A1926	30	May 22
Monroe, Daniel E	A1933	10	May 24
Mars, Edward	A1973	11	May 28
McColl, Gavin	A2019	5	June 7
Morrow, James	A2055	10	June 9

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
McGee, James S	A2097	6	June 16
McLean, William H	A2130	32	June 23
McFarland, John	A2139	13	Do.
Murphy, Christopher	A2201	8	July 6
Murray, Peter A	A2243	14	July 16
Muir, Pattison	A2253	16	July 17
McIntyre, Duncan	A2314	19	July 26
Magee, E. A	A2329	2	July 28
Muir, Robert	A2450	6	Aug. 19
McLachlin, John	A2539	15	Sept. 3
Masden, William T	A2546	15	Sept. 4
McPherson, George	A2571	22	Sept. 10
Mintzer, William A	A2606	3	Sept. 16
McMahon, Anthony	A2619	15	Sept. 18
MacCarthy, Charles	A8147	9	Oct. 8
More, Charles A	A8159	25	Oct. 11
McLaughlin, Michael	A8301	29	Nov. 17
Murphy, Michael J	A8344	9	Dec. 1
Murphy, William	A8416	18	Dec. 18
Marshall, John J	A8438	18	Dec. 23
Nelson, Gilbert B	A1254	14	Jan. 16
Nisbet, John C	A1576	16	Mar. 27
Norvall, James G	A1930	4	May 24
Nocollethy, Matthew	A2437	6	Aug. 17
Newton, Joseph D	A8164	14	Oct. 12
Neptune, Joseph	A8394	10	Dec. 13
Osterhout, George H	A1837	14	May 11
O'Brien, Dennis S	A2629	13	Sept. 20
O'Hara, Thomas	A8189	14	Oct. 18
Platt, Clayton	A1331	19	Feb. 3
Pollock, Joseph	A1443	29	Mar. 3
Pugsley, Charles B	A1550	19	Mar. 22
Parcels, Samuel	A1669	12	Apr. 12
Paterson, William	A1717	3	Apr. 20
Pugsley, Henry S	A1993	26	June 1
Pierce, Samuel W	A2004	23	June 4
Perkins, George W	A2062	11	June 11
Petrie, Robert B	A2087	5	June 16
Parsell, Abram W	A2169	31	June 30
Perry, William	A2309	24	July 26
Paul, R. S	A2668	24	Sept. 25
Portlock, William L	A8132	17	Oct. 6
Philp, John	A8184	2	Oct. 16
Platt, John	A8397	30	Dec. 14
Prescott, John	A8407	12	Dec. 17
Quilty, James	A1461	5	Mar. 8
Quinliven, John A	A1626	23	Apr. 6
Quigley, Michael	A2107	11	June 18
Rowley, Robert	A1293	2	Jan. 25
Ritchie, Richard	A1394	2	Feb. 19
Rodman, William H	A1397	2	Do.
Ryan, Nicholas	A1401	4	Feb. 20
Reeve, David B	A1548	28	Mar. 22
Roberts, Robert	A1580	8	Mar. 27
Ritchie, David	A1630	13	Apr. 6
Reilley, Patrick	A1707	24	Apr. 19
Ritchie, George A	A1744	17	Apr. 26
Redmond, John	A1910	21	May 20
Roberts, Edward	A1918	4	May 21
Read, Robert W	A2056	20	June 10
Rogers, Newton	A2069	12	June 12
Roberts, W. W	A2239	21	July 15
Robson, Joseph	A2295	13	July 23
Rowe, James H	A2319	30	July 26
Rees, Edgar A	A2476	15	Aug. 24
Robertson, William	A2528	24	Sept. 1
Reed, Edward C., jr	A2563	14	Sept. 8
Reilly, Patrick	A2585	14	Sept. 13
Reid, William F	A8133	15	Oct. 6
Ryan, Timothy	A8161	5	Oct. 11
Rook, George A	A8194	15	Oct. 19
Reilly, John	A8223	15	Oct. 26
Rust, Walter G	A8254	18	Nov. 5
Ritchie, Jacob S	A8333	20	Nov. 27
Roberts, Walter H	A8355	14	Dec. 2
Reid, John C	A8423	12	Dec. 20
Rolph, Robert J	A8442	16	Dec. 27
Smith, Haus	A1214	10	Jan. 5
Chief engineers (ocean)—Continued.			
Stenstrom, Charles	A1234	12	Jan. 11
Strong, F. P	A1264	17	Jan. 19
Sancton, Thomas	A1303	30	Jan. 28
Scoville, Nelson R	A1343	24	Feb. 5
Sinclair, James F	A1407	3	Feb. 24
Savage, George P	A1453	19	Mar. 6
Sly, John W	A1597	38	Mar. 30
Stiles, Silas	A1618	11	Apr. 2
Smith, Anning	A1656	30	Apr. 10
Simpson, Russell M	A1814	5	May 7
Smith, George W., jr	A1879	7	May 17
Stewart, William S	A1900	18	May 19
Spannburgh, Leonard	A1920	30	May 22
Spoor, John W	A1990	29	June 1
States, James	A2078	19	June 14
Salbador, George W	A2084	12	June 15
Sturtevant, William P.	A2193	12	July 6
Sundall, John B	A2459	32	Aug. 21
Shean, Samuel A	A2477	12	Aug. 24
Stickerman, Richard S.	A2552	26	Sept. 7
Sandow, John	A2598	18	Sept. 15
Skidmore, William B	A2627	13	Sept. 20
Shaw, Alexander	A2644	6	Sept. 22
Scott, George	A2657	5	Sept. 23
Selleck, Howard	A2663	26	Sept. 24
Stewart, Charles	A2667	8	Sept. 25
Shaughuessy, Patrick	A8111	7	Oct. 2
Scout, M. C	A8119	19	Oct. 4
Sellew, William C	A8176	16	Oct. 15
Sellew, Wallace	A8199	31	Oct. 20
Storin, John	A8204	16	Oct. 21
Sallanse, Andrew	A8288	1	Nov. 13
Smith, Carroll	A8317	14	Nov. 23
Skinner, Joseph	A8402	19	Dec. 16
Snowman, William H	A8434	16	Dec. 22
Thorn, Chessman W	A1242	12	Jan. 15
Tinkham, Samuel A	A1304	19	Jan. 28
Turner, J. W	A1342	18	Feb. 5
Tobias, William S	A1356	26	Feb. 8
Trim, Ralph W	A1378	15	Feb. 15
Taylor, James	A1664	5	Apr. 12
Thomas, Philip	A1752	5	Apr. 28
Throsby, Edwin R	A1856	11	May 14
Turner, Thomas	A1884	5	May 17
Tully, Thomas F	A2167	19	June 29
Teiper, Henry J	A2355	21	Aug. 2
Taylor, Wallace L	A2454	16	Aug. 20
Torrance, John	A2639	22	Sept. 21
Taylor, John	A8112	17	Oct. 2
Tuthill, Sheppard K	A8243	20	Nov. 1
Tinnerholm, Harry S	A8411	12	Dec. 17
Thompson, Thomas D	A8440	4	Dec. 23
Underwood, Thomas R.	A2608	13	Sept. 17
Vreeland, Minedart	A1219	15	Jan. 6
Van Buskirk, Wm. H	A1262	15	Jan. 19
Van Wart, Edward S	A1658	9	Apr. 12
Vaughn, John	A1688	22	Apr. 15
Vanderburgh, Wm. H.	A1783	35	May 4
Von Seyfried, A. W	A2064	15	June 11
Van Hoesen, Francis	A2480	31	Aug. 25
Van Arsdale, Americus	A2567	17	Sept. 9
Vann, William J	A8309	11	Nov. 20
Vandiver, John T	A8320	32	Nov. 24
Van Iderstine, Garrett	A8393	19	Dec. 13
Williams, William	A1202	1	Jan. 2
Wilson, Alexander	A1207	14	Jan. 4
Wheeler, George B	A1273	17	Jan. 21
White, Gilbert M	A1429	32	Feb. 27
White, F. F	A1442	9	Mar. 3
Weir, Matthew R	A1447	9	Mar. 4
White, William S	A1488	7	Mar. 12
Wreidt, George E	A1584	17	Mar. 27
Watrous, A. O	A2609	14	Apr. 1
Witzisk, Brune	A1610	8	Do.
Wright, Robert	A1640	17	Apr. 9
Whitaker, Salmon B	A1755	15	Apr. 29
Weed, Charles	A1850	39	Ma 13
Walters, Joseph	A1932	23	Ma 24

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Walls, William C	A1940	5	May 24
Watson, William	A2072	8	June 12
Walls, John	A2119	5	June 21
Wilson, William	A2127	1	June 22
Williams, Henry	A2185	14	July 2
Wallace, Mandeville	A2372	23	Aug. 6
Wotherspoon, James	A2680	11	Sept. 27
Walker, Jess B	A8157	16	Oct. 11
Walsh, John	A8160	27	Do.
Wade, Andrew J	A8216	30	Oct. 25
Wotherspoon, Andrew	A8235	9	Oct. 30
Wright, John	A8287	1	Nov. 12
Winter, Oscar	A8334	10	Nov. 27
Walls, James C	A8350	3	Dec. 1
Yule, Thomas	A2149	9	June 24
Young, James	A2367	16	Aug. 4
Chief engineers (inland).			
Adams, Frank E	A1359	20	Feb. 9
Atkins, John	A1403	14	Feb. 23
Adsit, Arthur L	A1577	5	Mar. 27
Acker, William E	A1593	20	Mar. 30
Ashley, Edward	A1672	11	Apr. 13
Anderson, Christie	A1676	9	Apr. 14
Alexander, Robert	A1784	33	May 4
Alberts, George W	A1788	5	Do.
Aumack, Henry C	A1793	6	May 5
Austin, William C	A1834	13	May 11
Anderson, Oscar	A1929	9	May 22
Acker, Henry E	A2065	30	June 11
Androvett, George F	A2106	19	June 18
Ashley, Edwin P	A2165	10	June 29
Allen, Samuel	A2316	15	July 27
Andrews, Alexander	A2332	21	July 28
Alchorn, George A	A2346	17	July 31
Alexander, Fred P	A2348	5	Do.
Austin, Joseph	A2391	18	Aug. 10
Ackley, George	A2420	33	Aug. 16
Austin, Albert J	A2575	43	Sept. 10
Androvett, Murray	A2600	8	Sept. 15
Albertus, Edward S	A2617	16	Sept. 18
Ambrose, John F	A8233	8	Oct. 29
Albert, John R	A8275	30	Nov. 10
Bausert, Charles W	A1201	19	Jan. 2
Beebe, Henry	A1210	12	Jan. 4
Berry, John A	A1217	10	Jan. 6
Brown, Thomas H	A1220	12	Do.
Beyer, William J	A1228	11	Jan. 8
Burke, John J	A1237	25	Jan. 13
Brechbiel, Andrew J	A1241	7	Jan. 14
Boyes, A. L	A1270	31	Jan. 20
Brantingham, Guy S	A1286	9	Jan. 25
Betts, Silas W	A1290	27	Do.
Barton, Lawrence	A1306	9	Jan. 28
Benson, Edward	A1319	18	Jan. 30
Brill, Morton M	A1346	12	Feb. 6
Bishop, John	A1360	12	Feb. 9
Blair, Charles	A1363	16	Feb. 10
Bassett, Frank	A1384	13	Feb. 17
Bradley, John	A1421	6	Feb. 27
Bell, John	A1468	19	Mar. 9
Brickfield, Nicholas	A1487	16	Mar. 12
Brady, E. S	A1492	12	Mar. 13
Baird, John E	A1505	18	Mar. 16
Barringer, Seymour	A1511	15	Do.
Bradford, R. G	A1522	21	Mar. 18
Buckner, John	A1527	4	Do.
Bowen, Willis P	A1534	18	Mar. 19
Benson, Edward J	A1565	8	Mar. 24
Brown, Morgan M	A1566	13	Do.
Benson, Charles E	A1568	28	Do.
Burhans, Andrew	A1582	23	Mar. 27
Boyce, Oscar C	A1586	12	Mar. 29
Beach, Edgar H	A1596	27	Mar. 30
Buchanan, James W	A1604	14	Apr. 1
Chief engineers (inland)—Continued.			
Boyle, Patrick	A1606	23	Apr. 1
Buckalew, Charles H	A1607	11	Do.
Bradbury, Isaac K	A1627	27	Apr. 6
Bentley, Robert	A1638	9	Apr. 7
Bartlett, Arthur G	A1667	16	Apr. 12
Beckward, Ingebret	A1670	8	Apr. 13
Brown, George B	A1680	10	Apr. 14
Brown, George E	A1684	14	Apr. 15
Barker, Adelbert	A1694	20	Apr. 16
Blass, Leonard	A1716	29	Apr. 20
Beardsley, Edward G	A1720	11	Apr. 21
Baker, George S	A1728	11	Apr. 22
Benson, C. J	A1733	8	Do.
Briggs, Theodore B	A1742	8	Apr. 24
Boyland, Charles N	A1745	8	Apr. 26
Bohrer, George	A1769	18	May 1
Betts, Frederick	A1771	18	Do.
Bowman, George A	A1773	9	May 3
Burke, John	A1776	8	Do.
Bailey, Wellington R	A1781	10	May 4
Baine, William	A1787	19	Do.
Brennen, Lawrence	A1798	5	May 5
Babbitt, Alonzo B	A1806	8	May 6
Brown, John M	A1819	6	May 8
Brown, William	A1829	32	May 10
Bush, William D	A1831	10	May 11
Benson, F. L	A1849	5	May 13
Bolles, Reuben C	A1851	23	Do.
Brooks, Theodore S	A1855	35	May 14
Baxter, Henry	A1875	2	May 15
Blanchard, David	A1914	31	May 21
Besant, Thomas	A1916	16	Do.
Banker, Stephen	A1923	22	May 22
Bloomsburg, Robert	A1938	18	May 24
Brown, Joseph S	A1945	17	May 25
Bushing, Charles	A1947	12	Do.
Brown, Charles N	A1986	4	June 1
Butterly, John	A1991	21	Do.
Barrett, Charles F	A1992	33	Do.
Burt, Lorin	A2020	13	June 7
Bockoven, George W	A2029	15	June 8
Brown, John G	A2041	13	June 9
Butler, John J	A2046	23	Do.
Beebe, Lucien	A2088	44	June 16
Blodgett, Milton	A2093	4	Do.
Bruyn, Henry W	A2104	12	June 17
Brandow, Edward E	A2125	8	June 22
Brown, Philip C	A2137	16	Jun 23
Brooks, William E	A2142	16	June 24
Brower, Nicholas	A2148	32	Do.
Boylion, Michael	A2198	25	July 6
Brill, Gustavus A	A2217	21	July 10
Berggen, Charles	A2220	4	July 12
Bundy, Abram C	A2228	8	July 13
Brown, Ambrose	A2249	25	July 17
Briggs, Alonzo	A2261	29	July 19
Baker, William	A2274	11	July 20
Barber, Charles	A2279	20	July 21
Britton, James A	A2291	26	July 23
Blake, William	A2306	6	July 26
Barnett, Hendrik L	A2317	6	July 27
Byrnes, James	A2335	10	July 29
Barnett, Edward	A2354	9	Aug. 2
Borrows, John	A2388	17	Aug. 9
Baird, Thomas	A2397	29	Aug. 10
Brown, Alpin	A2408	4	Aug. 12
Beebe, George W	A2444	11	Aug. 18
Boyce, William J	A2485	21	Aug. 26
Banning, M. C	A2490	19	Do.
Bouchert, August	A2491	14	Do.
Bloomer, James L	A2508	17	Aug. 28
Brown, Egbert N	A2510	24	Aug. 30
Banks, Allan	A2515	21	Do.
Brown, J. W	A2526	25	Sept. 1
Byrne, William	A2543	27	Sept. 4
Brown, John	A2554	6	Sept. 7
Bausewein, Jacob	A2557	8	Do.
Bishop, George W	A2561	11	Sept. 8

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Betts, William	A2588	22	Sept. 13
Bishop, Edward C	A2594	12	Sept. 14
Bastian, Eugene	A2626	16	Sept. 20
Barr, Sidney	A2659	37	Sept. 21
Biddulph, Joseph A	A2669	19	Sept. 25
Benjamin, William S	A2681	25	Sept. 28
Barr, John	A2699	27	Sept. 30
Baker, Albert	A8134	18	Oct. 6
Benois, Louis	A8136	15	Oct. 7
Blaisdell, John W	A8144	23	Oct. 8
Baird, David S	A8146	20	Do.
Bennett, William	A8149	14	Oct. 9
Bairdsley, Charles W	A8150	15	Do.
Baldwin, Lorenzo D	A8171	31	Oct. 14
Brown, P. C	A8181	28	Oct. 16
Boyd, John R	A8195	30	Oct. 19
Brooks, James	A8208	26	Oct. 22
Bartlett, Frederick W	A8265	9	Nov. 9
Brooks, Theodore A	A8280	13	Nov. 11
Berry, John	A8315	23	Nov. 22
Betz, Leonard J	A8316	18	Do.
Boughton, Jesse S	A8326	17	Nov. 26
Blair, Peter	A8332	23	Nov. 27
Baurhyte, Sidney	A8360	29	Dec. 3
Bradley, John	A8386	4	Dec. 11
Baumbach, Christopher	A8392	15	Dec. 13
Barnes, Pitt A	A8395	5	Do.
Bennett, George	A8398	9	Dec. 14
Carroll, William H	A1245	1	Jan. 15
Clough, William J	A1256	31	Jan. 18
Chollet, Edward	A1274	18	Jan. 21
Clark, Walter D	A1282	14	Jan. 23
Coghlin, James	A1287	14	Jan. 25
Carey, Patrick	A1289	11	Do.
Climp, Charles H	A1307	21	Jan. 29
Coleman, John	A1332	8	Feb. 3
Cummings, James	A1344	15	Feb. 6
Crosson, Robert	A1362	15	Feb. 10
Connelly, Michael H	A1364	7	Do.
Canton, Louis	A1383	22	Feb. 16
Cox, Voorhes	A1400	11	Feb. 20
Caddy, George W	A1405	4	Feb. 23
Chipman, A. S	A1424	16	Feb. 27
Clark, Hugh	A1431	5	Mar. 1
Cotter, Richard	A1485	26	Mar. 12
Cook, George C	A1489	13	Do.
Carpenter, Daniel	A1494	18	Mar. 13
Claffy, George	A1498	6	Do.
Craig, Thomas	A1520	11	Mar. 16
Chapman, William H	A1532	7	Mar. 18
Crosson, James P	A1533	26	Mar. 19
Comfort, Samuel	A1574	33	Mar. 25
Cartwright, William J	A1588	23	Mar. 29
Clough, William W	A1637	17	Apr. 17
Cherry, George C	A1657	12	Apr. 12
Clark, Arthur B	A1653	10	Do.
Cole, William	A1686	26	Apr. 15
Carr, Lewis	A1697	7	Apr. 17
Carr, Joseph E	A1719	9	Apr. 21
Cook, James H	A1754	29	Apr. 29
Colville, William R	A1774	32	May 3
Coon, Leroy	A1818	23	May 8
Clifton, Eugene	A1854	19	May 14
Carroll, Thomas	A1858	16	Do.
Conover, Cornelius N	A1861	2	May 15
Clare, Charles	A1867	14	Do.
Cooley, Allen R	A1880	2	May 17
Cunningham, James	A1887	15	Do.
Costello, James J	A1913	5	May 21
Callfas, John M	A1955	13	May 25
Clum, Andrew	A1965	29	May 27
Callahan, Matthew	A1972	16	May 28
Connelly, James	A2011	26	June 4
Crowell, E. S	A2014	7	June 5
Conway, Charles	A2016	3	June 7
Corcoran, Michael	A2054	6	June 9
Catlin, Alfred H	A2058	22	June 11
Coons, Rienzi	A2082	25	June 15
Chief engineers (inland)—Continued.			
Cook, Benjamin F	A2098	10	June 16
Colville, Henry	A2103	9	June 17
Carel, Theodore	A2108	35	June 18
Conroy, John E	A2133	16	June 23
Carter, William	A2134	13	Do.
Cannon, James	A2155	9	June 25
Crapser, Charles	A2157	17	June 26
Cornwell, F. M	A2158	16	Do.
Conklin, James	A2196	4	July 6
Clark, Edward J	A2212	26	July 9
Cox, Lewis S	A2214	5	July 9
Collins, Cornelius B	A2215	29	July 10
Campbell, William E	A2233	3	July 14
Carpenter, Franklin T	A2251	18	July 17
Crapser, Lester A	A2287	18	July 22
Crimm, John	A2307	18	July 26
Curley, Thomas	A2321	2	July 27
Carnie, William, jr	A2322	15	Do.
Cole, Edward	A2323	7	Do.
Cornell, William	A2337	17	July 29
Corrie, Thomas F	A2338	5	Do.
Cooper, William S	A2351	21	Aug. 2
Cook, Frederick	A2366	15	Aug. 4
Cunningham, William	A2376	14	Aug. 6
Churchill, M. F	A2406	4	Aug. 12
Connelly, Martin W	A2409	9	Do.
Conway, Thomas W	A2411	12	Aug. 13
Clough, Ezra T. R	A2413	31	Do.
Carman, George W	A2428	14	Aug. 16
Calligan, James	A2442	13	Aug. 18
Crone, Lincoln, jr	A2455	9	Aug. 21
Cook, John	A2497	27	Aug. 27
Cobb, John	A2511	3	Aug. 30
Coon, Martin	A2512	16	Do.
Cronk, Jasper T	A2513	22	Do.
Cutler, Richard J	A2525	13	Sept. 2
Coons, Henry E	A2592	19	Sept. 14
Clear, Henry	A2609	9	Sept. 17
Carr, Richard J	A2621	4	Sept. 18
Contant, Warren J	A2632	10	Sept. 20
Costello, Vincent P	A2652	17	Sept. 23
Cunningham, John H	A2678	27	Sept. 27
Coon, William E	A2682	25	Sept. 28
Collins, John L	A8135	7	Oct. 7
Crosby, Frank E	A8143	8	Do.
Crapser, Nelson	A8163	21	Oct. 12
Carolan, Philip	A8165	16	Do.
Clapper, Frank B	A8257	9	Nov. 6
Cooper, William	A8266	14	Nov. 9
Cole, Solomon E	A8270	15	Oct. 9
Cartwright, William J	A8272	13	Do.
Clough, Charles A	A8297	6	Nov. 16
Cheshire, Jonas	A8302	25	Nov. 17
Cole, John	A8310	15	Nov. 20
Cody, Frank E	A8318	7	Nov. 23
Cooley, Henry R	A8342	2	Nov. 30
Chappell, William	A8349	27	Dec. 1
Cole, Friend S	A8365	16	Dec. 4
Cosgrove, Lawrence	A8368	17	Dec. 6
Clark, James H	A8370	13	Do.
Cockfair, William B	A8371	27	Dec. 7
Conway, Daniel	A8372	13	Do.
Corey, Charles A	A8374	11	Dec. 8
Cutler, E. G	A8381	9	Dec. 10
Curtiss, Willard L	A8389	7	Dec. 11
Comfort, George W	A8410	6	Dec. 17
Covert, John H	A8414	18	Dec. 18
Dowdall, Joseph P	A1204	6	Jan. 2
Douglass, Eugene	A1238	19	Jan. 13
Du Bois, William J	A1253	15	Jan. 16
Davis, William W	A1276	9	Jan. 22
Du Bois, Edward E	A1320	4	Feb. 1
Doalman, Charles H	A1353	14	Feb. 8
Doyle, Thomas J	A1395	4	Feb. 19
Donnelly, James T	A1411	12	Feb. 25
Decker, James W	A1458	9	Mar. 8
Dickerson, B. L	A1474	3	Mar. 10
Davis, John	A1544	17	Mar. 20

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Dumsey, Edison	A1583	3	Mar. 27
De Pew, Charles	A1585	9	Mar. 29
Devendorf, Sanford	A1591	7	Do.
Decker, Hiram A	A1595	28	Mar. 30
De Palmon, Frank M	A1655	5	Apr. 10
Dettlinger, Sidney J	A1666	9	Apr. 12
Deyo, John B	A1687	2	Apr. 15
Dedrick, John P	A1693	17	Apr. 16
Doran, John	A1706	3	Apr. 19
Duncan, Robert, jr	A1791	9	May 4
Davis, Olcott	A1825	11	May 8
Dempsey, John	A1853	13	May 13
Doyle, Patrick J	A1883	4	May 17
Davis, James	A1922	16	May 22
Dobson, Rufus	A1925	3	Do.
Decker, Thomas H	A1931	15	May 24
Deadrick, Sanders	A1936	15	Do.
Drake, Edward G	A1943	8	Do.
Dey, Joseph M	A1954	6	May 25
Durfey, Charles H	A1812	26	May 28
Drake, Edward C	A1997	14	June 3
Dunn, John J	A2017	15	June 7
Dederick, Herman C	A2074	23	June 14
Drummond, Joseph	A2091	26	June 16
Davis, George T	A2120	26	June 22
Dedrick, Charles H	A2191	18	July 3
Dorsett, Andrew	A2199	33	July 6
Dann, Henry R	A2208	14	July 19
Decker, John E	A2235	14	July 14
Darroch, Angus	A2236	9	Do.
Delaney, Dennis J	A2257	9	July 19
Decker, Robert	A2312	3	July 26
Derrickson, Robert F	A2327	13	July 28
Dimsey, John	A2328	14	Do.
Du Bois, Charles W	A2357	14	Aug. 3
Dimsey, Charles H	A2359	19	Do.
Dodge, Calvin	A2435	34	Aug. 17
Dodge, William E	A2448	38	Aug. 19
Daggett, Joseph F	A2473	9	Aug. 23
Duffy, Martin	A2478	5	Aug. 24
Darcy, John H	A2496	31	Aug. 27
Daley, James	A2501	9	Do.
Durkin, James	A2566	4	Aug. 28
Dedrick, James M	A2514	13	Aug. 30
Davis, Robert G	A2520	7	Aug. 31
Doyle, Richard	A2521	16	Do.
Doyle, Martin	A2526	16	Sept. 1
De Wint, George W	A2603	22	Sept. 16
Dolan, Michael	A2657	11	Sept. 23
Dwyer, Martin	A2662	20	Sept. 24
Drumgool, Thomas	A2665	16	Do.
Decker, George	A8126	12	Oct. 5
Du Brul, Albert	A8167	10	Oct. 13
Duncan, Alfred	A8172	12	Oct. 14
Dailey, Stewart	A8217	3	Oct. 25
Dearborn, David	A8225	17	Oct. 27
Dempsey, James	A8245	27	Nov. 1
Du Bois, Elias	A8247	32	Nov. 3
Dittrich, Andrew	A8259	12	Nov. 6
Donovan, Michael	A8293	33	Nov. 15
Donnelly, Felix	A8347	8	Dec. 1
Dailey, Jeremiah	A8361	16	Dec. 3
Duncan, W. L	A8388	10	Dec. 11
Dickson, John	A8396	7	Dec. 13
Elder, George C	A1305	8	Jan. 28
Ellison, Charles	A1308	17	Jan. 29
Ellis, Frank	A1433	13	Mar. 1
Evarts, R. J	A1503	15	Mar. 15
Eager, James F	A1633	8	Apr. 7
Ellison, William M	A1709	19	Apr. 19
Elmendorf, George	A1807	11	May 6
Eichman, William H	A1953	20	May 25
Ellsworth, George M	A1978	7	May 28
Edwards, Clarence	A2176	11	June 14
Egbert, Abram W	A2211	15	July 9
Ellsworth, Stephen	A2431	28	Aug. 17
Elmendorf, Wm. H., jr	A8328	4	Nov. 26
Ellis, Thomas	A8307	3	Dec. 4
Chief engineers (inland)—Continued.			
Etheridge, E. E	A8420	6	Dec. 20
Everett, E. H	A8425	4	Do.
Emmons, George B	A8447	2	Dec. 30
Funk, William H	A1248	5	Jan. 15
Fallon, Thomas J	A1281	10	Jan. 22
Fisk, E. D	A1315	4	Jan. 30
Furlong, Nicholas	A1325	21	Feb. 1
Freestone, Hector	A1341	13	Feb. 5
Fagans, Montgomery	A1347	15	Feb. 6
Foster, Joseph	A1393	18	Feb. 18
Fitzgerald, John	A1413	13	Feb. 25
Farrell, James H	A1422	16	Feb. 27
Fowler, Cornell	A1493	6	Mar. 13
Ferrell, Charles A	A1508	16	Mar. 16
Froehgh, P. D	A1513	8	Do.
Fee, H. E	A1522	5	Mar. 17
Foss, Frank F	A1547	9	Mar. 22
Forsyth, James L	A1622	12	Apr. 5
Ford, Edward D	A1645	9	Apr. 9
Farrell, Eugene	A1649	1	Do.
Flannery, James H	A1660	13	Apr. 12
Florence, John	A1677	17	Apr. 14
Foster, John W	A1826	7	May 8
Foster, Linus P	A1838	20	May 11
Fett, Jacob	A1845	23	May 12
Fox, John H	A1852	21	May 13
Fortune, William P	A1907	8	May 20
Fenwick, William G	A1989	11	June 1
Fisk, Watson A	A2001	3	June 3
Fenwick, Charles F	A2061	16	June 11
Finn, Charles	A2092	12	June 16
Fritts, Milton	A2116	13	June 21
Free, Edward	A2179	8	July 1
Frey, Christian F	A2182	24	July 2
Flood, William	A2189	19	July 3
Fox, John F	A2216	5	July 10
Fleet, John K	A2240	13	July 16
Foley, William	A2244	12	Do.
Franks, John	A2290	17	July 23
Farrell, Edward C	A2296	9	Do.
Fielder, Bert A	A2325	3	July 27
Fish, William A	A2326	21	July 28
Flannery, John	A2347	25	July 31
Fitzgerald, Edward	A2404	5	Aug. 12
Fisher, Philo	A2412	28	Aug. 13
Fisher, Isaac	A2465	33	Aug. 23
Ford, Harry	A2534	2	Sept. 2
Field, Fred	A2538	15	Sept. 3
Freeman, Solomon	A2540	20	Do.
Fagan, George W	A2544	26	Sept. 4
Field, Fred F	A2551	14	Sept. 7
Floyd, Charles W	A2576	14	Sept. 10
Florence, Isaac R	A2590	13	Sept. 13
Finn, James	A2635	6	Sept. 20
Faurot, James	A2700	24	Oct. 1
Fitzgerald, Thomas	A8105	9	Do.
Ferdon, John W	A8127	2	Oct. 5
Freer, Clarence	A8131	15	Oct 6
Feehan, William	A8138	28	Oct. 7
Frean, Franklin	A8224	10	Oct. 27
Farrell, F. J	A8228	11	Oct. 28
Fleming, James	A8253	10	Nov. 5
Flanagan, William G	A8263	8	Nov. 9
Facey, Samuel	A8269	23	Do.
Furlong, Joseph	A8282	7	Nov. 11
Fisher, Cornelius	A8314	6	Nov. 22
Farrell, John	A8443	19	Dec. 28
Gaffga, Michael	A1223	13	Jan. 7
Gaffga, William	A1269	3	Jan. 20
Gardiner, C. E	A1377	6	Feb. 15
Garlington, Henry C	A1410	1	Feb 25
Grose, Philip H	A1412	17	Do.
Grattan, John	A1434	16	Mar. 1
Geargathy, James H	A1519	12	Mar. 16
Geissler, John	A1542	2	Mar. 20
George, William	A1563	14	Mar. 23
Green, Ezra	A1564	6	Do.
Gray, Oscar T	A1594	19	Mar. 30

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Golding, McGregor	A1620	16	Apr. 3
Giles, William	A1623	4	Apr. 5
Gallagher, James	A1681	7	Apr. 15
Gannon, Thomas	A1689	12	Do.
Grimes, John J	A1702	15	Apr. 19
Goodsir, George E	A1743	13	Apr. 24
Greacen, Stephen B	A1798	17	May 5
Googins, Charles	A1815	11	May 7
Gardiner, John S	A1894	18	May 18
Garety, Martin	A1958	16	May 25
Gray, William A	A1969	15	May 27
Golding, John H	A2026	34	June 7
Griffin, George N	A2032	5	June 8
Goold, James F	A2057	13	June 10
Grayton, Joseph	A2080	25	June 15
Gallaway, Charles D	A2141	11	June 24
Gibson, William	A2162	19	June 29
Grymes, Thomas H	A2194	5	July 6
Grimes, E. F	A2205	12	July 7
Gildersleeve, John J	A2210	22	July 9
Gage, William H	A2218	32	July 12
Gardner, George	A2231	6	July 14
Gatchell, J. R	A2271	8	July 20
Gurney, George	A2278	16	July 21
Gilmore, George A	A2344	13	July 30
Guy, Sidney C	A2356	4	Aug. 2
Green, John C	A2364	13	Aug. 4
Gillings, William H	A2365	9	Do.
Grant, William J	A2387	3	Aug. 9
Gaul, Andrew	A2410	20	Aug. 13
Gage, Frank E	A2469	11	Aug. 23
Gregg, Thomas	A2555	19	Sept. 7
Gallagher, John S	A2605	28	Sept. 16
Godfrey, Franklyn R	A2630	37	Sept. 20
Gregory, James A	A2641	13	Sept. 21
Grimshaw, John	A2646	20	Sept. 22
Gunn, John E	A2653	25	Sept. 23
Gitly, John	A2658	9	Sept. 24
Gordon, John	A2694	1	Sept. 29
Gay, Albertus	A8110	18	Oct. 2
Griggs, Thomas D	A8129	23	Oct. 6
Gardiner, George	A8166	2	Oct. 12
Gough, Myron F	A8173	2	Oct. 14
Gates, Henry	A8174	4	Do.
Gerting, Frederick	A8213	30	Oct. 23
Gratton, Lawrence	A8336	11	Nov. 29
Goodwin, David	A8377	32	Dec. 8
Glazier, Lewis N	A8382	15	Dec. 10
Grady, John T	A8400	4	Dec. 14
Galligan, John	A8419	9	Dec. 20
Grenninger, George L	A8452	5	Dec. 30
Heuer, Theodore	A1222	1	Jan. 6
Hand, Thomas S	A1233	14	Jan. 11
Hercht, Frank R	A1240	8	Jan. 13
Howland, William	A1249	15	Jan. 16
Hamilton, James	A1257	14	Jan. 18
Hayward, Edwin C	A1283	2	Jan. 23
Harrington, John	A1298	1	Jan. 27
Holmes, William E	A1313	12	Jan. 30
Huntley, L. E	A1324	15	Feb. 1
Harrison, John	A1327	18	Feb. 2
Halliday, Charles A	A1334	14	Feb. 3
Heizman, Edward	A1345	11	Feb. 6
Hyzer, Robert	A1350	13	Feb. 8
Hawkins, Clifford S	A1371	2	Feb. 13
Hand, Charles H	A1372	7	Do.
Hunter, William	A1425	13	Feb. 27
Harder, Henry	A1427	7	Do.
Howard, James	A1437	21	Mar. 2
Hawes, William	A1439	19	Do.
Howland, George W	A1455	33	Mar. 6
Haggerty, H. C	A1469	20	Mar. 9
Hickok, Herbert	A1495	11	Mar. 13
Hamilton, P. J	A1501	25	Mar. 15
Horrie, William M	A1501	13	Do.
Hidley, Leonard	A1510	22	Mar. 16
Hundt, William H	A1514	6	Do.
Havens, William H	A1541	17	Mar. 20
Chief engineers (inland)—Continued.			
Houghtaling, Nathan B	A1558	12	Mar. 23
Herrick, John J	A1592	2	Mar. 29
Hagan, Hugh	A1685	12	Apr. 15
Hermance, Washington I	A1710	20	Apr. 20
Howard, George K	A1722	12	Apr. 21
Hoagland, Charles	A1748	29	Apr. 26
Hermida, Frank A	A1757	4	Apr. 29
Haughwout, William B	A1821	20	May 8
Hazen, Joseph	A1824	12	Do.
Hoose, Montgomery	A1841	28	May 12
Howard, Samuel	A1846	9	Do.
Hummel, Frederick	A1848	15	May 13
Hemphill, John	A1860	4	May 14
Hofmann, John T	A1864	2	May 15
Harman, Peter S	A1868	13	Do.
Hammond, Daniel E	A1881	23	May 17
Hoy, James M	A1899	9	May 18
Hendrickson, C. V	A1917	7	May 21
Hueston, Michael	A1927	25	May 22
Hanson, William J	A1961	2	May 26
Hawes, George W	A1970	12	May 27
Hoffman, William R	A1971	6	May 28
Hurst, William	A1975	25	Do.
Hull, Nathan A	A1996	18	June 2
Houghtaling, Fred R	A2008	8	June 4
Huber, Michael J	A2025	6	June 7
Hayward, Walter T	A2034	23	June 8
Hyling, James	A2035	17	Do.
Heath, William H	A2036	13	Do.
Houghton, Frank J	A2067	12	June 11
Horton, Hiram R	A2077	16	June 14
Hochrein, Lewis	A2079	6	Do.
Hamil, James H	A2081	13	June 15
Haggarty, John	A2113	12	June 21
Hart, John F	A2128	6	June 22
Hoffman, August	A2140	16	June 24
Hook, George M., jr	A2145	7	Do.
Hill, Edward	A2151	19	June 25
Halvorson, Peter	A2161	6	June 26
Hinis, William C	A2184	11	July 2
Hallenbeck, James	A2268	15	July 20
Hanson, William C	A2273	4	Do.
Houghtaling, Andrew M.	A2284	30	July 22
Hugget, John S	A2297	18	July 24
Holden, William H	A2298	12	Do.
Henion, Edgar K	A2320	15	July 27
Hylin, Gustavus M	A2368	11	Aug. 5
Hand, Frank M	A2370	10	Do.
Hotaling, Ephraim	A2382	34	Aug. 7
Hayes, David H	A2400	17	Aug. 11
Hunt, Arthur F	A2436	32	Aug. 17
Hunter, Marcus	A2439	5	Do.
Houghtaling, John J	A2456	9	Aug. 21
Helmes, Jacob	A2470	36	Aug. 23
Howland, George H	A2488	27	Aug. 26
Hempfield, John B	A2504	1	Aug. 28
Hanlon, Michael	A2516	21	Aug. 30
Hague, Joseph J	A2517	10	Do.
Hanigan, Patrick J	A2556	10	Sept. 7
Hulse, Howard	A2573	4	Sept. 10
Haskins, Frederick J	A2622	13	Sept. 18
Hayes, Thomas T	A2636	17	Sept. 20
Hensler, Frederick B	A2647	13	Sept. 22
Hyer, Thomas N	A2656	2	Sept. 23
Hart, Peter	A2679	17	Sept. 27
Harris, James A	A2691	7	Sept. 29
Hunter, Henry W	A8123	9	Oct. 5
Hotaling, Jacob	A8125	26	Do.
Horrocks, John W	A8130	14	Oct. 6
Hallenbeck, Charles W	A8139	7	Oct. 7
Hallock, Richard	A8145	10	Oct. 8
Haines, George N	A8148	7	Do.
Hoffman, Charles T	A8155	13	Oct. 9
Herrick, Irving	A8177	12	Oct. 15
Harlon, James B	A8211	3	Oct. 22
Hveem, Haaka	A8215	9	Oct. 25

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Harris, Richard	A8221	28	Oct. 26
Hamilton, Charles A	A8231	24	Oct. 28
Hipple, Harry P	A8256	2	Nov. 6
Hallenbeck, Horace	A8258	15	Do.
Hotchkiss, Charles F	A8267	12	Nov. 9
Howlett, John	A8268	25	Do.
Huzck, George	A8277	27	Nov. 11
Hunt, William H	A8307	22	Nov. 19
Holden, George F	A8312	14	Nov. 20
Herdman, Walter	A8330	10	Nov. 27
Hoagland, Ralph	A8341	20	Nov. 30
Harrison, Everett	A8348	13	Dec. 1
Hunt, William	A8403	18	Dec. 16
Hewett, James	A8404	8	Do.
Haddon, George W	A8408	7	Dec. 17
Hoffman, Henry	A8432	8	Dec. 22
Hallenbeck, Elbridge	A8439	29	Dec. 23
Hammond, George F	A8448	4	Dec. 30
Izon, Charles H	A1284	15	Jan. 22
Ingalls, William	A1553	12	Mar. 22
Ion, Fred	A1662	4	Apr. 12
Irelan, Charles W	A2112	10	June 21
Irving, Eugene	A2144	24	June 24
Ingalls, Millard	A2174	6	June 30
Isbert, Ernest A	A2570	8	Sept. 9
Jones, Allen S	A1208	19	Jan. 4
Johnson, Peter	A1310	15	Jan. 29
James, Philip W	A1348	17	Feb. 6
Jessem, Thomas P	A1554	2	Mar. 22
Jackson, David	A1561	17	Mar. 23
Jewell, William H	A1589	32	Mar. 29
Jones, William K	A1600	40	Mar. 31
Joyce, Matthew	A1731	16	Apr. 22
Johnson, William	A1777	12	May 3
Jester, Robert W	A1799	3	May 5
Johnson, Frank H	A1820	14	May 8
Jenks, Charles W	A1836	12	May 11
Jennings, Fred M	A1862	7	May 15
Jauss, Henry L	A1866	27	Do.
Johnson, H. M	A1895	17	May 18
Janss, Harry L	A2022	15	June 7
Johnson, William S	A2039	22	June 8
Jessup, George W	A2105	17	June 18
Jones, John E	A2117	13	June 21
Johns, Ernest A	A2247	20	July 17
Johnston, William J	A2553	4	Sept. 7
Jennings, Archibald	A2595	19	Sept. 14
Jeroleman, William E	A2645	2	Sept. 22
Johnson, Louis L	A8137	6	Oct. 7
Jansen, Charles L	A8140	29	Do.
Jennings, Charles H	A8218	6	Oct. 25
Joyce, George	A8441	12	Dec. 24
Jones, Frederick W	A8446	1	Dec. 30
Kelly, James E	A1213	6	Jan. 5
Knapp, Charles I	A1231	3	Jan. 9
Kerr, Trouson	A1255	13	Jan. 18
Kilroy, John	A1312	7	Feb. 18
Kelly, Kirkwood	A1416	27	Feb. 26
Kenney, Charles	A1467	8	Mar. 9
Kelly, William L	A1556	14	Mar. 23
Kieffer, Frank	A1567	4	Mar. 24
Kelly, James	A1569	16	Do.
Kelly, John A	A1608	12	Apr. 1
Kaufman, George	A1612	13	Apr. 2
Kruysman, William C	A1639	8	Apr. 7
Kennealy, John E	A1643	7	Apr. 8
Kinsey, David	A1678	5	Apr. 14
Kerney, Merritt W	A1683	5	Apr. 15
Kane, William	A1695	21	Apr. 16
Kerkhoff, William	A1699	3	Apr. 17
Karney, John	A1740	14	Apr. 24
Kaufman, Fred	A1842	12	May 12
Kelly, James	A1898	16	May 18
King, Benjamin N	A1919	2	May 22
Keyes, John, jr	A1921	16	Do.
Kane, John	A1950	9	May 25
Kelly, Charles	A1963	26	May 26
Kelly, John	A2024	10	June 7
Chief engineers (inland)—Continued.			
Kunkel, John J	A2059	10	June 11
Kelly, Michael	A2115	7	June 21
Knapp, Alfred W	A2203	23	July 7
Kind, A. A	A2288	4	July 22
Kane, William J	A2399	21	July 29
Knapp, Daniel R	A2342	13	July 30
Kriete, Henry A	A2353	9	Aug. 2
Kelley, James	A2385	15	Aug. 7
Kennedy, John F	A2467	18	Aug. 23
Kellas, John W	A2676	7	Sept. 27
Kuhn, Lorenz A	A8170	1	Oct. 13
Kilmer, William H	A8175	16	Oct. 14
Kieffer, Harry	A8232	14	Oct. 29
Keeling, George	A8246	15	Nov. 1
Knudsen, Christian	A8338	10	Nov. 29
Klevesahl, Herman C	A8362	5	Dec. 3
Kyles, Robert	A8444	10	Dec. 29
Lang, Paul	A1288	6	Jan. 25
Le Fevre, Solomon H	A1295	16	Jan. 26
Lomberg, Patrick J	A1314	3	Jan. 30
Lundequist, George	A1337	6	Feb. 4
Lasher, Crary	A1340	19	Feb. 5
Letts, Riley	A1396	31	Feb. 20
Loskamp, Charles H	A1408	1	Feb. 24
Leadlie, William H	A1418	4	Feb. 26
Laughton, George W	A1438	14	Mar. 2
Leonard, John	A1471	20	Mar. 9
Liudahl, John	A1496	13	Mar. 13
Lake, John C	A1504	20	Mar. 15
Lester, Frank W., jr	A1546	11	Mar. 20
Lyman, John	A1551	6	Mar. 22
LeRoy, Edward R	A1559	3	Mar. 23
Long, John R	A1572	7	Mar. 25
Lund, Hans A	A1616	3	Apr. 2
Lynk, James	A1721	17	Apr. 21
Lynch, Edward B	A1761	8	Apr. 30
Leslie, Andrew M	A1762	16	Do.
Lee, Owen	A1794	7	May 5
Lane, John M	A1809	28	May 6
Lake, Charles H	A1811	30	May 7
Leek, Benjamin F	A1888	12	May 17
Lewis, Frederick	A1902	5	May 19
Linnen, William	A1928	6	May 22
Laighton, Thomas	A1983	15	May 29
List, John A	A2009	3	June 4
Layman, Robert	A2018	16	June 7
Lyons, William	A2045	15	June 9
Lee, Frederick C	A2048	6	Do.
Lasher, Virgil	A2121	28	June 22
Lightcap, Edwin B	A2163	3	June 29
Logue, Zachary	A2164	18	Do.
Losee, Frank R	A2170	4	June 30
L'Hommedieu, Joseph	A2177	8	July 1
Lester, Daniel J	A2200	11	July 6
Lyon, Henry	A2225	8	July 13
Lane, Daniel	A2226	11	Do.
Linnen, William	A2230	17	Do.
Leadlie, Augustus	A2238	19	July 15
Leonard, D., jr	A2289	10	July 22
Lasher, William	A2302	21	July 24
Lally, Thomas F	A2308	16	July 26
Letts, John W	A2315	15	Do.
Law, Thomas	A2340	27	July 30
Larkins, David	A2350	4	Aug. 2
Lanigan, John	A2378	14	Aug. 6
Loeffler, Charles H	A2402	11	Aug. 11
Loughton, John	A2484	27	Aug. 25
Layman, Edgar C	A2493	13	Aug. 27
Lewis, E. H	A2529	12	Sept. 1
Lightcap, George	A2560	3	Sept. 8
Leoffler, Jacob	A2565	21	Sept. 9
Larsson, John A	A2586	1	Sept. 13
Lytle, Samuel	A2610	9	Sept. 17
Lawrence, M. A	A2648	9	Sept. 22
Loran, John A	A2649	9	Do.
Livingston, George B	A2695	13	Sept. 29
LeRoy, David	A8152	5	Oct. 9
Landgren, Olof	A8158	2	Oct. 11

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Lester, Joseph S	A8206	32	Oct. 22
Layton, W. F	A8227	19	Oct. 28
Lanfare, Charles E	A8261	10	Nov. 8
Layman, Allan	A8327	37	Nov. 26
Lytle, George	A8337	4	Nov. 29
Letts, F. Wilbur	A8352	1	Dec. 1
Lewis, John S	A8413	2	Dec. 17
McClane, John E	A1206	13	Jan. 4
Major, George W	A1215	23	Jan. 5
McCann, Thomas J	A1216	8	Jan. 6
Macdonald, Christopher	A1225	9	Jan. 7
McClane, John E	A1206	13	Jan. 4
Murphy, Joseph	A1227	13	Jan. 8
Morris, Thomas E	A1232	34	Jan. 11
Marion, William H	A1259	11	Jan. 18
Mott, Jesse A	A1271	1	Jan. 20
McGee, John	A1272	11	Jan. 21
Miller, Reuben U	A1294	10	Jan. 26
Maltby, Louis F	A1297	8	Jan. 27
Maynard, Andrew J	A1321	14	Feb. 1
Munch, William E., jr	A1328	4	Feb. 2
McDonald, Charles E	A1352	20	Feb. 8
McKinley, Michael	A1357	2	Do.
Mason, Robert	A1382	8	Feb. 16
Matlock, John B	A1285	28	Feb. 17
McPherson, David W	A1404	18	Feb. 23
Maynard, George H	A1409	16	Feb. 24
McAllison, John	A1420	2	Feb. 27
Magee, Henry C	A1428	29	Do.
Malley, Anthony	A1441	7	Mar. 3
McKone, Thomas	A1457	17	Mar. 8
McDermott, James J	A1464	13	Do.
Murch, William	A1465	10	Do.
Muren, A. E	A1476	5	Mar. 10
Martin, Henry	A1521	5	Mar. 17
Mulligan, Thomas	A1529	14	Mar. 18
Murphy, Daniel	A1537	5	Mar. 19
McKee, Francis	A1538	5	Do.
McCall, Thomas	A1540	9	Do.
Miller, Thomas	A1543	30	Mar. 20
Morris, Horace E	A1555	5	Mar. 23
McDermott, Patrick J	A1562	13	Do.
Miller, Walter	A1605	2	Apr. 1
Myers, Edward, jr	A1611	10	Apr. 2
McGuckin, Richard	A1614	8	Do.
McWade, John E	A1617	17	Do.
McFarlane, James	A1619	13	Do.
McGee, Edward	A1631	10	Apr. 6
McMahon, Edward	A1635	3	Apr. 7
McElroy, William	A1642	5	Apr. 8
McPherson, Robert	A1648	15	Apr. 9
McClymont, David H	A1661	12	Apr. 12
Martin, Levi	A1675	9	Apr. 14
McCarroll, Sylvester	A1714	8	Apr. 20
McQuade, O. M	A1719	8	Do.
McGregor, William C	A1735	18	Apr. 23
Moach, John	A1785	21	May 4
McAllister, Robert S	A1792	25	May 5
Martin, Charles	A1796	26	Do.
Mandigo, Smith	A1801	16	May 6
Moran, Michael F	A1805	5	Do.
McDonald, Thomas H	A1847	9	May 13
Miller, Richard	A1869	29	May 15
Meeks, Wilmore	A1870	12	Do.
McDonald, Thomas	A1878	7	May 17
Markuske, A. J	A1896	10	May 18
Mahoney, John W	A1906	14	May 20
McCarthy, John J	A1937	8	May 24
Mange, William F	A1959	12	May 25
McCormack, William H	A1960	5	May 26
McDonald, John	A1974	12	May 28
Mosher, Amos	A1977	6	Do.
Middleton, George W	A1980	7	May 29
Miney, Elmer	A1998	12	June 3
McGrath, John J	A2068	7	June 12
Malary, Lawrence A	A2075	11	June 14
McNeill, Alexander J	A2085	9	June 15
Martin, James	A2109	16	June 19
Chief engineers (inland)—Continued.			
Miller, Charles	A2114	17	June 21
McCann, Charles	A2132	17	June 23
Mebl, Michael	A2143	1	June 24
Mettler, Henry J	A2147	12	Do.
McGuffog, Martin	A2146	10	Do.
Mackay, Samuel	A2159	26	June 26
Murphine, Edward	A2160	8	Do.
Mason, Joseph	A2171	8	June 30
May, John J	A2175	19	July 1
Moore, Eli	A2176	26	Do.
Mortal, Thomas L	A2186	18	July 2
McQueen, Jason	A2188	17	July 3
McCormick, Frank	A2206	17	July 8
Mull, Frank	A2207	14	July 9
Monahan, James	A2219	7	July 12
McDeviti, John	A2234	28	July 14
Morgan, Mortimer E	A2264	12	July 19
Monahan, James P	A2270	2	July 20
McCullough, John J	A2275	26	July 21
Mueller, Ferdinand	A2293	12	July 23
Moon, Eugene	A2299	19	July 24
Murphy, Nicholas	A2303	31	Do.
Mayer, John	A2324	7	July 27
Merritt, Burlin T	A2336	35	July 29
Morgenwack, C. N	A2371	5	Aug. 5
McCormack, James G	A2375	29	Aug. 6
Myers, William W	A2377	13	Do.
Mackie, William E	A2381	8	Aug. 7
Myers, James H	A2383	27	Do.
McGlensey, Walter W	A2384	5	Do.
McDonough, Philip	A2386	12	Aug. 9
Matthews, Joseph	A2398	25	Do.
Murray, David	A2395	16	Aug. 10
Manney, John D	A2401	1	Aug. 11
Myers, William H	A2418	10	Aug. 14
Mulke, Henry W	A2421	9	Do.
Mason, Joseph B	A2492	19	Aug. 26
Marks, Henry B	A2495	10	Aug. 27
Meehan, James	A2507	14	Aug. 28
Maxson, Edwin E	A2518	14	Aug. 31
Madin, George S	A2519	33	Do.
Martin, Frank A	A2523	9	Do.
Mower, William	A2531	32	Sept. 1
McTeer, James W	A2559	10	Sept. 8
Miller, Daniel	A2582	31	Sept. 11
McLean, John	A2604	19	Sept. 16
Moore, Wellington	A2614	7	Sept. 17
McAllister, George F	A2628	20	Sept. 20
Mellen, William	A2638	7	Sept. 21
Miller, Harry N	A2660	5	Sept. 24
McCarthy, Morris	A2661	21	Do.
Mehl, George	A2675	7	Sept. 27
Mersereau, Theodore T	A2677	13	Do.
Mulholland, Hugh	A2686	10	Sept. 28
Mosher, William A	A8120	14	Oct. 4
Merrill, George E	A8124	32	Oct. 5
Martyn, Thomas F	A8141	13	Oct. 7
Mattson, John	A8154	13	Oct. 9
Mulligan, John	A8179	20	Oct. 15
Murray, Chris	A8192	24	Oct. 19
Mulhall, William	A8196	17	Do.
Moon, Edmund	A8214	31	Oct. 23
McCabe, Patrick	A8219	10	Oct. 26
Murphy, James	A8222	4	Do.
McCammann, Alex. L	A8226	1	Oct. 27
Magee, Godfrey	A8241	14	Nov. 1
Maher, William	A8252	4	Nov. 5
McNeill, James	A8260	28	Nov. 8
Macdonald, William	A8284	15	Nov. 12
Maguire, John J	A8298	25	Nov. 16
Morgn, Ernest P	A8300	15	Nov. 17
McLaughlin, Henry	A8311	22	Nov. 20
Moran, Christopher	A8321	17	Nov. 24
McLeod, Albert S	A8323	7	Do.
McLean, William	A8331	33	Nov. 27
Mason, William A	A8343	5	Nov. 30
McCarthy, Jerry	A8364	6	Dec. 4
Munch, William E	A8366	25	Do.

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Murphy, John	A8385	14	Dec. 11
MacGregor, Charles D.	A8405	6	Dec. 16
McGuire, Thomas	A8424	7	Dec. 20
Murphy, Peter	427	23	Dec. 21
Mulligan, James J	A8453	5	Dec. 31
Nixon, William S	A1246	12	Jan. 15
Nisbet, William	A1381	7	Feb. 16
Nelson, Charles	A1472	4	Mar. 9
Norvals, William	A1509	14	Mar. 16
Nye, James	A1665	5	Apr. 12
Nodyne, Peter A	A1823	12	May 8
Near, Albert C	A1905	16	May 20
Nelson, Thomas E	A1909	22	Do.
Norris, Warren C	A2129	24	June 23
Newton, Joseph T	A2131	32	Do.
Nestell, Frederick	A2204	6	July 7
Noyes, George	A2229	6	July 13
Nock, John C	A2252	7	July 17
Newell, William H	A2424	27	Aug. 16
Neary, Amos	A2441	20	Aug. 18
Newman, Charles W	A2452	1	Aug. 20
Nugent, Richard J	A2542	10	Sept. 3
Nolan, William P	A2574	9	Sept. 10
Nicolls, Charles, jr	A2671	14	Sept. 25
Niblock, James A	A8109	22	Oct. 1
Norwood, Robert	A8187	17	Oct. 18
Norwood, F. H	A8188	13	Do.
Norris, I. H	A8229	18	Oct. 28
Nash, Henry M	A8250	25	Nov. 5
Nichols, John A	A8324	28	Nov. 24
Oliver, Miles	A1260	10	Jan. 18
O'Brien, Richard	A1333	6	Feb. 3
O'Connell, Thomas	A1601	15	Mar. 31
Overbaugh, James	A1652	11	Apr. 10
Oliver, Charles	A1753	4	Apr. 29
Ovendorf, Farley	A1758	31	Do.
O'Hare, Eugene	A1843	5	May 12
Ohlandt, William E	A1865	5	May 15
Oliver, Lawrence F	A2044	9	June 9
O'Connor, James	A2286	6	July 22
Osmund, Joseph	A2392	25	Aug. 10
Onderdonk, Silas W	A2468	15	Aug. 23
Ording, Henry	A2549	29	Sept. 7
Owens, Eugene	A2602	19	Sept. 15
O'Neill, Henry	A8193	6	Oct. 19
O'Hanlon, Tarens	A8290	18	Nov. 15
O'Neil, John	A8401	2	Dec. 16
Oakes, Harry E	A8426	4	Dec. 21
Patterson, John O	A1230	26	Jan. 9
Pountney, Henry A	A1251	20	Jan. 16
Palmer, Ezra F	A1311	14	Jan. 30
Parker, George W	A1338	19	Feb. 4
Pelcher, John	A1358	31	Feb. 8
Pfiderer, Frank	A1386	1	Feb. 17
Pettinger, Allan D	A1423	2	Feb. 27
Putnam, Wilkins	A1435	17	Mar. 1
Padderson, O. H	A1436	5	Mar. 2
Pierce, William N	A1445	6	Mar. 3
Paff, Philip	A1470	6	Mar. 9
Pontin, Henry B	A1507	19	Mar. 15
Peters, James	A1518	17	Mar. 16
Perkins, Warren	A1528	13	Mar. 18
Pelton, Horace O	A1557	14	Mar. 23
Patterson, Robert	A1560	12	Do.
Person, David	A1621	17	Apr. 3
Parsons, Orlando T	A1641	16	Apr. 8
Purdy, William	A1654	12	Apr. 10
Palmer, Erastus	A1729	9	Apr. 22
Pulver, Charles	A1822	21	May 8
Prichard, Carlos J	A1882	9	May 17
Provost, George W	A1908	2	May 20
Pausley, Cuyler	A2027	6	June 8
Platner, William	A2166	28	June 29
Post, Victor	A2173	18	June 30
Place, David A	A2181	10	July 1
Pulver, George	A2187	22	July 3
Pelonbet, Prosper	A2224	8	July 13
Perry, James H	A2237	28	July 14
Chief engineers (inland)—Continued.			
Pease, John A	A2255	19	July 19
Pearce, John	A2259	20	Do.
Powers, William H	A2265	6	Do.
Petty, Robert E	A2281	12	July 22
Purvis, William	A2285	9	Do.
Purdy, William	A2311	1	July 26
Platner, Jacob F	A2393	8	Aug. 10
Pendleton, Frederick O.	A2396	11	Do.
Philip, Misak	A2403	10	Aug. 11
Plattner, Silas W	A2415	7	Aug. 13
Pipe, Henry F	A2438	8	Aug. 17
Pratt, John F	A2440	5	Do.
Pulse, John	A2449	19	Aug. 19
Post, George S	A2463	16	Aug. 23
Purdy, Adolphus G	A2464	22	Do.
Palmer, George A	A2471	20	Do.
Pindar, Edward	A2486	27	Aug. 26
Post, Theodore	A2524	28	Sept. 1
Post, Edwin	A2532	11	Do.
Pearsall, George W	A2558	17	Sept. 8
Pope, George H	A2597	16	Sept. 15
Pelkey, Richard	A2572	9	Do.
Pitchford, John	A2612	4	Sept. 17
Purdy, John A	A2618	26	Sept. 18
Powell, John D	A2624	5	Do.
Parnell, William G	A2625	27	Sept. 20
Parkinson, Lewis M	A2698	10	Sept. 30
Parker, Daniel W	A8106	21	Oct. 1
Peene, E. L	A8107	17	Do.
Provost, George	A8113	29	Oct. 2
Pitchford, Andrew H	A8121	14	Oct. 4
Pidgeon, Nelson L	A8122	9	Oct. 5
Prichard, Walter B	A8162	4	Oct. 12
Palmer, John	A8178	20	Oct. 15
Park, A. E	A8202	4	Oct. 20
Plass, George H	A8295	14	Nov. 15
Peterson, Fred	A8303	9	Nov. 17
Parsons, Frederick	A8319	7	Nov. 23
Patterson, Stephen B	A8415	3	Dec. 18
Pitt, Charles H	A8418	3	Dec. 20
Quigley, Thomas J	A1500	9	Mar. 15
Quick, George	A1692	23	Apr. 16
Quinn, Edward	A2601	3	Sept. 15
Quigley, James	A8203	17	Oct. 21
Ryder, Theodore	A1226	12	Jan. 8
Redmond, Frank J	A1250	11	Jan. 16
Rickard, Henry	A1326	7	Feb. 1
Rose, Charles	A1389	6	Feb. 18
Roke, Peter	A1398	21	Feb. 20
Riley, John	A1450	15	Mar. 4
Raynor, D. D	A1512	5	Mar. 16
Rush, F. J	A1526	2	Mar. 18
Rector, Porter W	A1571	4	Mar. 25
Rooke, John E	A1598	11	Mar. 30
Ricker, Harry J	A1613	6	Apr. 2
Relyea, James A	A1615	14	Do.
Ringwald, Jacob W	A1690	10	Apr. 16
Rogers, Thomas B	A1698	28	Apr. 17
Rilley, Patrick	A1704	26	Apr. 19
Rockefellow, Lewis	A1715	7	Apr. 20
Rogers, James	A1724	9	Apr. 21
Rockwell, Jacob	A1732	6	Apr. 22
Robinson, William	A1736	24	Apr. 23
Ringwald, Joseph Q	A1738	19	Do.
Rhoades, John W	A1741	32	Apr. 24
Rauscher, Frank	A1808	8	May 6
Rapp, George	A1893	25	May 18
Rooney, Daniel	A1946	7	May 25
Ringwald, Joseph J	A1949	9	Do.
Reeves, John	A1952	15	Do.
Rex, William P	A1968	16	May 27
Reilly, Frank	A1982	20	May 29
Rogers, Thomas	A1985	7	June 1
Ruhle, Jacob	A1988	15	Do.
Ryan, Pierce	A2028	18	June 8
Richmond, Charles	A2043	9	June 9
Rodgers, William H	A2086	13	June 15
Reese, Charles H	A2136	1	June 23

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Relyea, Charles	A2209	24	July 9
Rifenburgh, Jerome	A2246	18	July 17
Remington, John	A2361	13	Aug. 3
Richards, Joseph	A2399	8	Aug. 11
Relyea, Richard	A2405	31	Aug. 12
Raynor, Mervyn	A2423	5	Aug. 16
Rogers, John	A2446	29	Aug. 19
Roulston, George	A2447	15	Do.
Rogers, Morris H	A2494	23	Aug. 27
Rooke, Charles E	A2500	2	Do.
Roche, James C	A2536	16	Sept. 2
Rhodes, Floyd W	A2566	18	Sept. 9
Rouse, George W	A2685	34	Sept. 28
Rockefellow, Henry	A8186	12	Oct. 18
Root, Edward S	A8273	3	Nov. 9
Ryan, John	A8296	31	Nov. 15
Relyea, Charles	A8380	8	Dec. 10
Read, Maynard R	A8430	3	Dec. 21
Scott, John A	A1211	6	Jan. 4
Sidman, Royal	A1218	5	Jan. 6
Smith, Harry	A1224	8	Jan. 7
Schmidt Christopher J	A1266	8	Jan. 20
Snyder, Edward	A1277	14	Jan. 22
Schureman, James F	A1279	20	Do.
Smith, Elmer A	A1280	2	Do.
Sheldon, Lewis W	A1292	9	Jan. 25
Slickman, Benjamin	A1296	16	Jan. 26
Smith, Charles	A1300	8	Jan. 27
Slattery, James F	A1335	4	Feb. 3
Schmidt, William	A1351	17	Feb. 8
Sipperly, A. E	A1355	23	Do.
Shea, James	A1365	9	Feb. 11
Stigerwald, John J	A1375	4	Feb. 13
Smith, William C	A1388	6	Feb. 18
Sexton, John F	A1430	7	Mar. 1
Sailer, James S	A1432	11	Do.
Soop, Frank	A1451	24	Mar. 4
Salt, Edwin	A1460	16	Mar. 8
Skerratt, John W	A1463	5	Do.
Sparks, John E	A1475	9	Mar. 10
Skerratt, A. L	A1477	16	Do.
Swift, Charles H	A1481	16	Mar. 11
Smith, Frederick	A1486	9	Mar. 12
Scott, Henry	A1552	25	Mar. 22
Simonson, George	A1581	26	Mar. 27
St. Pierre, Joseph	A1587	13	Mar. 29
Sullivan, Eugene	A1628	7	Apr. 6
Saulspaugh, Samuel	A1632	15	Do.
Sterrett, James W	A1644	14	Apr. 8
Soop, James	A1674	26	Apr. 14
Sands, Joseph	A1682	10	Apr. 15
Skidmore, William E	A1696	18	Apr. 16
Stebbins, Ferdinand	A1705	27	Apr. 19
St. John, John	A1712	20	Apr. 20
Stewart, Charles R	A1713	15	Do.
Stark, William	A1723	13	Apr. 21
Stablin, William	A1749	8	Apr. 26
Small, John	A1763	28	Apr. 30
Saggers, William S	A1766	11	Do.
Stiles, Peter	A1770	21	May 1
Stark, Thomas	A1779	15	May 3
Seelen, Fred R	A1797	13	May 5
Smith, John B	A1813	5	May 7
Serles, Otis W	A1817	5	May 8
Sterritt, John McG	A1835	26	May 11
Shelters, Peter	A1839	5	Do.
Shull, Franklin P	A1872	18	May 15
Salair, John N	A1873	18	Do.
Sparks, E. R	A1874	10	Do.
Smith, R. J	A1876	2	Do.
Stewart, John	A1877	6	Do.
Seeley, John	A1891	14	May 18
Sullivan, William J	A1901	3	May 19
Smith, Nathan	A1903	21	Do.
Swift, John L	A1934	14	May 24
Smith, John W	A1981	12	May 29
Staats, Herman	A1987	20	June 1
Skerratt, Joseph	A1994	16	June 2
Chief engineers (inland)—Continued.			
Shaler, B. Wiltse	A2003	4	June 4
Smith, Frank J	A2010	16	Do.
Scollan, John	A2033	3	June 8
Smith, Isaac L	A2038	16	Do.
Stevens, John E	A2050	24	June 9
Sullivan, Peter	A2063	14	June 11
Schryver, Frank	A2070	4	June 12
Spencer, Albert E	A2089	30	June 16
Shanley, John F	A2101	2	June 17
Snyder, William H	A2102	18	Do.
Salt, Albert	A2124	15	June 22
Smith, George L	A2178	17	July 1
Stuart, John H	A2180	2	Do.
Squibb, Henry A	A2197	7	July 7
Saulpaugh, Edwin J	A2213	28	July 9
Shultis, Jonas	A2221	19	July 13
Siegfried, Stephen H	A2223	9	Do.
Schomp, George	A2227	15	Do.
Stewart, Frank	A2241	11	July 16
Shulter, F. E	A2245	13	Do.
Skidmore, Charles O	A2282	1	July 22
Saxton, Maurice H	A2292	20	July 23
Stolker, Alfred	A2319	23	July 27
Stewart, Charles	A2331	10	July 28
Squires, William W	A2341	24	July 30
Silcox, William B	A2345	13	July 31
Standerwick, Oliver	A2358	9	Aug. 3
Stafford, James	A2360	14	Do.
Smith, Frank	A2369	15	Aug. 5
Staley, R. H	A2373	12	Aug. 6
Sherman, William M	A2380	6	Do.
Shannon, R. J	A2407	10	Aug. 12
Scott, Albert	A2416	17	Aug. 14
Spencer, P. R	A2417	22	Do.
Start, Edward	A2419	26	Do.
Shannon, Morris	A2422	9	Do.
Staats, Charles W	A2432	15	Aug. 17
Snyder, Charles H	A2443	6	Aug. 18
Simpson, William	A2466	7	Aug. 23
Stark, James H	A2472	21	Do.
Smith, George W	A2499	13	Aug. 27
Suydam, Lawrence C	A2541	3	Sept. 13
Stanton, James	A2545	25	Sept. 4
Smith, Arthur A	A2547	19	Do.
Stryker, Henry	A2548	28	Sept. 7
Secor, William	A2579	16	Sept. 11
Simmons, William M	A2596	9	Sept. 14
Stilwell, John W	A2611	35	Sept. 17
Skidmore, Albert	A2613	12	Do.
Stafford, Samuel J	A2616	8	Sept. 18
Steele, Francis J	A2633	11	Sept. 20
Stacey, John J	A2637	7	Sept. 21
Scofield, Gilbert	A2642	26	Sept. 22
Sowarby, Frank	A2650	13	Sept. 23
Sidman, Charles H	A2654	8	Do.
Seward, Stephen J	A2655	9	Do.
Staats, Virgil M	A2666	14	Sept. 25
Shaughnessy, James	A2684	6	Sept. 28
Schreiver, George	A2688	22	Do.
Seitz, William	A2693	6	Sept. 29
Schramm, Ernest F	A8102	12	Oct. 1
Shortle, Richard H	A8104	1	Do.
Snyder, Charles	A8115	6	Oct. 2
Smith, James	A8180	7	Oct. 15
Studwell, Harvey	A8183	27	Oct. 16
Satterlee, George J	A8198	7	Oct. 20
Simmons, W. L	A8212	16	Oct. 23
Schemerhorn, W. H	A8220	16	Oct. 26
Salt, Albert	A8236	33	Oct. 30
Sperr, John G	A8242	6	Nov. 1
Stephens, John H	A8249	16	Nov. 5
Smith, John H	A8262	10	Nov. 8
Staats, William H	A8276	19	Nov. 10
Suydam, Bergen	A8283	7	Nov. 11
Sweetser, Levi	A8294	27	Nov. 15
Smith, Donald O	A8305	10	Nov. 18
Sullivan, Timothy	A8313	6	Nov. 20
Swarts, David C	A8351	11	Dec. 1

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Sullivan, Daniel	A8354	12	Dec. 2
Steller, James H	A8357	17	Dec. 3
Smith, Abram Q	A8373	16	Dec. 8
Selleck, Ezra	A8375	15	Do.
Sohlgren, Axel F	A8383	2	Dec. 11
Sherman, Morton R	A8409	6	Dec. 17
Smith, Lewis F	A8437	8	Dec. 22
Searfoss, Joseph	A8450	12	Dec. 30
Tallmadge, Alfred	A1301	18	Jan. 28
Terry, Louis W	A1329	6	Feb. 2
Terpenning, George W	A1339	15	Feb. 5
Thompson, Charles S	A1354	11	Feb. 8
Theile, William F	A1370	2	Feb. 13
Tice, William	A1391	21	Feb. 18
Tibbs, Edward E	A1426	6	Feb. 27
Thomasson, James F	A1440	18	Mar. 3
Taylor, Richard	A1444	29	Do.
Todd, John J	A1456	11	Mar. 8
Torrance, A. M	A1480	11	Mar. 11
Thomas, Harry	A1579	5	Mar. 27
Thompson, Robert	A1602	1	Mar. 31
Timmans, Andrew	A1629	33	Apr. 6
Taylor, Charles K	A1651	13	Apr. 10
Tully, Alfred A	A1726	7	Apr. 22
Thompson, Robert	A1727	5	Do.
Tait, John J	A1730	7	Do.
Tinney, Dennis	A1751	12	Apr. 28
Taylor, Walter	A1764	6	Apr. 30
Townsend, H. G	A1799	8	May 4
Teeple, Grant	A1816	3	May 7
Tompkins, Frederick P	A1857	4	May 14
Titus, Jacob	A1890	23	May 18
Tuttle, Ebenezer F	A1915	9	May 21
Taulman, Daniel	A1962	31	May 26
Ten Eyck, Clarence H	A1984	12	June 1
Torrance, Amos C	A2021	12	June 7
Tyler, Hiram	A2099	15	June 17
Thornton, Lewis B	A2123	21	June 22
Taylor, Steven	A2156	11	June 25
Tuttle, Manford C	A2183	15	July 2
Thompson, Charles H	A2277	13	July 21
Thompson, Samuel	A2349	7	Aug. 2
Taylor, William	A2453	14	Aug. 20
Thurston, Hiram T	A2461	8	Aug. 21
Tanner, William	A2483	38	Aug. 25
Terwilliger, George H	A2498	9	Aug. 27
Todd, Joseph J	A2623	15	Sept. 18
Turner, William E	A2687	19	Sept. 28
Tyrrell, Thomas	A2696	30	Sept. 30
Teson, Frank, jr	A8155	20	Oct. 9
Tallmadge, Russell	A8156	10	Do.
Terry, Edward A	A8210	10	Oct. 22
Travers, Frank	A8230	27	Oct. 28
Tremblay, Joseph	A8234	8	Oct. 30
Tracy, Charles H	A8264	24	Nov. 9
Townsend, Arthur	A8285	15	Nov. 12
Titcombe, Edward M	A8335	31	Nov. 29
Tierney, Robert J	A8359	23	Dec. 3
Thompson, James	A8384	9	Dec. 11
Tebbins, Bernhard J	A8429	3	Dec. 21
Travers, Patrick H	A8431	5	Dec. 22
Underwood, James	A1318	8	Jan. 30
Unold, William	A1679	1	Apr. 14
Van Allen, Edward	A1203	23	Jan. 2
Van Aken, Isaac B	A1268	20	Jan. 20
Van Etten, Charles K	A1369	5	Feb. 11
Van Buskirk, Henry	A1399	3	Feb. 20
Van Wagoner, Garrett	A1466	19	Mar. 8
Van Etten, Fred L	A1479	16	Mar. 11
Van Dercar, James	A1525	18	Mar. 18
Van Buskirk, Richard	A1539	20	Mar. 19
Van Hise, John H	A1545	20	Mar. 20
Van Zandt, R. A	A1590	30	Mar. 29
Van Vliet, Ebenezer	A1636	3	Apr. 7
Van Etten, Ambrose W	A1668	17	Apr. 12
Vandeleur, Thomas	A1724	6	Apr. 23
Van Derhoof, Charles H	A1760	15	Apr. 30
Venus, Augustus	A1768	18	Do.
Chief engineers (inland)—Continued.			
Van Schaick, Charles B	A1778	25	May 3
Van Giesen, Fletcher	A1780	18	May 4
Vroman, Charles A	A1871	14	May 15
Van Aken, Wilford S	A1942	5	May 24
Van Duyck, Jacob C	A1964	27	May 26
Van Wie, John A	A2000	36	June 3
Velsor, George	A2060	17	June 11
Vandecar, John	A2090	30	June 16
Van Wart, George W	A2112	30	June 22
Vandenburgh, Warner	A2168	22	June 30
Van Loon, Ezra	A2258	12	July 19
Van Hoesen, Newton	A2266	31	July 20
Vogel, Philip	A2304	17	July 24
Venus, Albert	A2305	11	July 26
Van Valkenburgh, William H	A2333	14	July 28
Van Kirk, Abram	A2363	26	Aug. 3
Van Kenren, Charles H	A2434	13	Aug. 17
Van Wie, James E	A2487	26	Aug. 26
Van Giesen, Francis, jr.	A2505	34	Aug. 28
Van Buren, William	A2564	10	Sept. 9
Van Tassel, Charles	A2568	24	Do.
Van Etten, Charles	A2583	8	Sept. 11
Valentine, Edward	A2593	27	Sept. 14
Vandenberg, Jacob	A2507	20	Sept. 16
Vreeland, Augustus	A2683	32	Sept. 28
Van Wie, Justus H	A8118	30	Oct. 4
Van Wart, William H	A8205	39	Oct. 21
Vining, Alexander	A8292	15	Nov. 15
Van Etten, Nelson H	A8378	9	Dec. 9
Vaughn, Frank E	A8390	3	Dec. 11
Whittaker, Charles B	A1267	13	Jan. 20
Watson, George S	A1316	3	Jan. 30
Walsh, Philip	A1302	16	Jan. 28
Wright, William F., jr.	A1322	20	Feb. 1
Wilson, Franklin	A1323	17	Do.
Windsor, Edward	A1349	6	Feb. 8
Walstad, John M	A1387	4	Feb. 17
Willson, John H	A1390	20	Feb. 18
Wagoner, Frank M	A1406	13	Feb. 23
Waters, John W	A1419	4	Feb. 26
Wilson, John H	A1473	6	Mar. 10
Winett, L. H	A1484	7	Mar. 12
Wiest, Alonzo	A1506	6	Mar. 15
Whitaker, D. A	A1515	21	Mar. 16
Ward, E. F	A1517	18	Do.
Wadhams, Nathan J	A1530	9	Mar. 18
Wilkes, Walter W	A1531	4	Do.
Waggoner, William N	A1535	14	Mar. 19
Whitton, Frederick P	A1536	6	Do.
Wiggins, Zachariah	A1625	7	Apr. 6
Whitehead, James	A1624	13	Apr. 5
Winchell, Nelson	A1647	20	Apr. 9
Walter, Alfred	A1691	19	Apr. 16
Wager, Charles E	A1701	15	Apr. 17
Ward, John W	A1747	14	Apr. 26
Walls, Harry E	A1765	6	Apr. 30
Whitaker, David	A1767	3	Do.
Wilde, Charles W	A1789	16	May 4
Willetts, N. E	A1830	15	May 10
Wheeler, Daniel W	A1897	6	May 18
Weeks, George O	A1911	16	May 20
Walsh, James	A1944	13	May 25
Wood, John C	A1948	23	Do.
Walgrove, Azuria	A1995	13	June 2
Walpole, Albert	A2002	21	June 4
Williams, William H	A2015	19	June 5
Wheeler, Walter	A2031	4	June 8
Wheeler, Whitson	A2047	14	June 9
Walker, Robert	A2053	38	June 9
Waters, Benjamin	A2071	18	June 12
Walden, Thomas	A2094	21	June 16
Whitaker, S. E	A2096	1	June 16
Wilson, Cornelius V	A2150	17	June 25
Waldron, William	A2153	8	Do.
Willix, Wellington M	A2172	20	June 30
Worth, George	A2222	11	July 12
Warren, William	A2254	22	July 17

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Whitehead, William J	A2260	9	July 19
Webster, Frank C	A2269	8	July 20
Weinant, Thomas	A2276	13	July 21
Whitney, Orin R	A2280	14	Do.
Watson, Charles A	A2294	18	July 23
Wieland, George	A2313	3	July 26
Wilson, James	A2318	39	July 27
Webster, William	A2379	24	Aug. 6
Wright, Lucien D	A2390	19	Aug. 10
Wolf, William	A2398	13	Aug. 11
Worth, John M	A2414	15	Aug. 13
White, Joseph E., jr	A2420	6	Aug. 14
Whitaker, John W	A2427	34	Aug. 16
Wood, Charles E	A2458	13	Aug. 21
Whims, Charles T	A2460	13	Do.
Weir, Patrick	A2482	5	Aug. 25
Woolford, Casper	A2533	37	Sept. 2
Weeks, John	A2580	21	Sept. 11
Wells, Christopher	A2589	37	Sept. 13
Wilson, Andrew L	A2591	13	Sept. 14
Walton, John D	A2599	15	Sept. 15
Woodburn, Charles H	A2615	17	Sept. 18
Wells, John W	A2664	15	Sept. 24
Wallace, George H	A2672	2	Sept. 25
Whitcomb, Henry	A2673	31	Sept. 27
Wining, Christian W	A2674	11	Do.
White, Thomas	A2689	19	Sept. 29
Wilkinson, David N	A8103	10	Oct. 1
Weeks, Joseph	A8108	27	Do.
Winship, Marinus S	A8117	25	Oct. 4
Walsh, George	A8142	27	Oct. 7
Wheatley, Seward	A8191	7	Oct. 19
Woods, James	A8201	3	Oct. 20
Wildey, Edward	A8207	12	Oct. 22
White, M. W	A8237	21	Oct. 30
Wetsell, Ira A	A8248	10	Nov. 4
Wolf, Alfred	A8251	7	Nov. 5
Ward, George W	A8274	17	Nov. 9
Wheeler, Russell M	A8278	14	Nov. 11
White, John A	A8279	20	Do.
Winship, William M	A8289	6	Nov. 13
Worthley, Charles P	A8291	12	Nov. 15
Wilcox, Edwin J	A8299	10	Nov. 16
Wood, James	A8306	9	Nov. 18
Wilson, Leonard	A8308	23	Nov. 19
White, George	A8329	1	Nov. 26
Williams, David E	A8339	6	Nov. 29
Wilkins, Edward	A8345	32	Dec. 1
Wheeler, George A	A8346	26	Do.
Willis, Fayette	A8387	20	Dec. 11
Ward, Robert D	A8391	16	Dec. 13
Wood, William A	A8399	22	Dec. 14
Wright, C. W	A8406	14	Dec. 17
Winchell, Edgar	A8412	6	Dec. 18
Walbach, Frank E	A8436	1	Dec. 23
Young, William B	A1482	21	Mar. 11
Yonker, Jackson	A1516	20	Mar. 16
Yates, William F	A2037	10	June 8
Young, Watson G	A2083	10	June 15
Young, Albert W	A2156	8	July 19
Youngs, William H	A8153	7	Oct. 9
Young, William	A8200	13	Oct. 20
Zeigler, Joseph	A1673	3	Apr. 13
Zeilman, Charles	A2007	6	June 4
Zeilman, Chauncey	A2343	18	July 30
Zeigler, George	A8433	7	Dec. 22
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Acker, William	A565	18	Jan. 20
Albertson, Lucas M	A584	1	Jan. 26
Anthony, Frederick L	A586	1	Jan. 27
Ackerly, Alonzo	A592	12	Feb. 1
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Anderson, Gus A	A619	7	Feb. 11
Aiken, R. W. C	A664	6	Feb. 27
Abrams, George W	A699	2	Mar. 13
Anderson, Carl A	A797	2	Apr. 12
Amesbury, Charles A	A823	1	Apr. 16
Adams, William H	A944	20	May 18
Agresta, Paul	A954	1	May 19
Anderson, Vitalis	A982	1	May 26
Adams, John	A983	12	Do.
Aspinwall, J. A	A1179	10	July 15
Appleg ite, Frank F	A1281	17	Aug. 17
Anderson, James	A1486	14	Oct. 16
Ayres, William D	A1538	1	Nov. 5
Andrews, P. Ferdinand	A1555	2	Nov. 12
Akerstrom, Alfred	A1630	6	Dec. 14
Albin, A. D	A1640	5	Dec. 18
Belcher, William H	A553	13	Jan. 6
Burns, John W	A572	2	Jan. 22
Barber, John W	A587	1	Jan. 27
Burns, Joseph	A623	12	Feb. 15
Baker, Thomas F	A632	1	Feb. 17
Bennett, Edwin G	A643	3	Feb. 20
Bacon, Samuel M	A694	12	Mar. 11
Brink, James M	A700	10	Mar. 15
Bowers, F. E	A706	2	Do.
Burrows, H. R	A715	1	Mar. 17
Bohrer, Joseph	A735	12	Mar. 23
Buhring, Carl	A752	5	Mar. 29
Bunker, Christian	A763	6	Apr. 1
Bailey, Amasa J	A770	14	Apr. 5
Bowers, Freeman	A793	3	Apr. 10
Byer, Frank	A811	3	Apr. 14
Burck, Charles H	A819	5	Apr. 15
Bernet, Louis	A835	11	Apr. 20
Briggs, William	A850	1	Apr. 23
Bernard, Edwin G	A866	15	Apr. 28
Brown, B. F	A875	12	Apr. 29
Bulen, George F	A894	3	May 6
Bedell, John M	A895	5	Do.
Bush, Robert J	A920	3	May 12
Bush, William E	A922	1	Do.
Byren, Charles H	A939	19	May 17
Burke, William	A973	17	May 25
Benjamin, William F	A988	4	May 28
Bernhard, Thomas	A1005	3	June 1
Bird, Ralph	A1059	4	June 14
Breslin, John	A1091	15	June 22
Brazell, Nicholas	A1092	13	Do.
Brown, John A	A1107	15	June 26
Bradley, George	A1109	2	Do.
Buschkaroff, Henry	A1119	4	June 30
Bedell, Joshua	A1158	4	July 12
Brown, William H	A1159	9	Do.
Brooks, Christopher	A1164	30	July 14
Barney, Celastine	A1168	22	Do.
Brown, George J	A1169	5	Do.
Beyer, Joseph	A1194	16	July 22
Briggs, Perry	A1199	27	July 24
Barrett, Clarence R	A1200	5	Do.
Barker, Edwin H	A1253	13	Aug. 9
Bartholomew, Irving	A1260	5	Aug. 10
Brown, Harry	A1261	8	Do.
Boyd, Charles H	A1266	1	Aug. 11
Barber, Joseph E	A1276	2	Aug. 16
Brady, Mathias	A1277	2	Do.
Briggs, Frank	A1305	3	Aug. 23
Br yton, Harry R	A1326	10	Aug. 27
Brennan, John	A1328	2	Do.
Beers, Francis H	A1336	6	Aug. 30
Bergen, Michael F	A1353	3	Sept. 3
Bell, Arthur J	A1358	1	Sept. 8
Baker, John	A1364	5	Sept. 10
Berg, John F	A1366	2	Sept. 11
Brown, W. S	A1406	5	Sept. 21
Brundage, William	A1408	7	Sept. 22
Bailey, William R	A1410	11	Sept. 23

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Brayton, Rufus	A1423	9	Sept. 27
Banta, David D	A1425	13	Do.
Buckingham, George	A1426	20	Do.
Brooks, Cornelius T	A1427	17	Do.
Burns, Philander	A1436	2	Sept. 29
Blat, William	A1448	19	Oct. 2
Baker, Marshall	A1449	7	Do.
Brooks, James	A1464	1	Oct. 8
Brink, Frederick W	A1466	1	Do.
Becker, Jacob	A1495	2	Oct. 20
Baurhyte, J. H	A1496	7	Do.
Barrett, Karl	A1525	1	Oct. 29
Bourne, Harry W	A1556	14	Nov. 12
Burns, Clarence J	A1564	5	Nov. 16
Baldwin, Charles	A1577	20	Nov. 22
Busick, Charles	A1601	22	Dec. 1
Baxter, Ralph F	A1665	15	Dec. 27
Carlan, Christopher	A554	9	Jan. 18
Cogswell, John D	A567	4	Jan. 21
Carey, Thomas H	A568	4	Do.
Curtus, Henry H	A616	3	Feb. 10
Conklin, George L	A678	5	Mar. 5
Corson, James B	A732	3	Mar. 22
Chamberlain, Frank	A747	7	Mar. 27
Cowen, Frederick H	A768	4	Apr. 3
Cummings, Edward R	A773	5	Apr. 5
Conklin, Stephen	A789	5	Apr. 9
Coons, James	A826	12	Apr. 17
Crams, Joseph	A831	12	Apr. 19
Collins, Henry	A841	14	Apr. 21
Coley, Selden G	A865	12	Apr. 28
Corson, Garrett P	A907	7	May 10
Chase, George	A918	22	May 12
Campbell H. C	A1006	9	June 1
Curtin, James	A1093	16	June 22
Carman, Edward	A1177	6	June 29
Curtis, John W	A1120	13	June 30
Cochrane, James	A1172	14	July 14
Cudney, Benjamin E	A1177	2	July 16
Conn, William	A1186	18	July 19
Carley, David A	A1187	9	July 19
Colin, Albert E	A1229	11	Aug. 2
Corbett, John F	A1257	5	Aug. 10
Clark, James	A1315	17	Aug. 24
Cook, Joseph J	A1361	8	Sept. 9
Cake, Mathias C	A1365	11	Sept. 10
Caulford, Caul	A1376	5	Sept. 13
Costello, John, jr	A1394	14	Sept. 18
Cummings, Charles G	A1413	4	Sept. 23
Carroll, Patrick	A1428	11	Sept. 28
Castle, William	A1430	16	Do.
Crandall, Paul	A1444	19	Oct. 1
Colton, Francis	A1506	1	Oct. 22
Clarke, John	A1508	15	Oct. 25
Cassell, William K	A1516	3	Oct. 26
Campion, William J	A1518	9	Oct. 27
Coon, Charles H	A1524	14	Oct. 29
Coll, A. G	A1547	6	Nov. 9
Cleary, James R	A1587	1	Nov. 24
Carracioli, Harry	A1591	17	Nov. 26
Connell, Joshua L	A1597	16	Nov. 29
Crosby, Henry	A1612	10	Dec. 6
Cannon, John	A1622	4	Dec. 9
Chapman, John	A1627	12	Dec. 13
Chard, L. L	A1635	3	Dec. 16
Conley, William H	A1654	7	Dec. 22
Connell, James P	A1661	1	Dec. 24
Day, Austin	A503	10	Jan. 2
Dougherty, L	A625	5	Feb. 10
Daubney, James T	A624	4	Feb. 15
De Vaue, William	A646	4	Feb. 20
Ditman, J. G. Jacob	A661	3	Feb. 27
De Groat, Daniel	A679	19	Mar. 5
Drost, Jefferson	A787	16	Apr. 9
Devlin, Frank	A876	11	Apr. 29
Decker, John F	A886	19	May 1
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Diercks, Henry	A888	5	May 4
Dibble, Moses	A890	14	Do.
Dougherty, Michael	A913	18	May 10
Donnie, Maxim F	A915	8	May 11
Daly, Patrick	A936	16	May 15
Dubois, John H	A957	11	May 19
Dean, George	A1014	19	June 3
Dick, A. H	A1049	19	June 11
Darrow, Curtis P	A1052	14	June 11
Deyo, James K. P	A1095	6	June 23
Downer, Abner P	A1112	26	June 28
Dent, Frank J	A1128	2	July 1
Doty, Clement	A1134	21	July 2
Dulaney, John P	A1167	11	July 14
Dalldorf, Edwin	A1193	16	July 22
Day, Samuel J	A1251	6	Aug. 7
Davis, Arthur W	A1254	11	Aug. 9
Dorney, James	A1274	3	Aug. 14
Dimmers, Joseph	A1280	12	Aug. 17
Dwyer, Timothy	A1294	7	Aug. 19
Dempsey, John	A1351	10	Sept. 2
Doyle, George	A1404	18	Sept. 21
Donner, L. M	A1409	11	Sept. 22
Davis, Benjamin	A1445	18	Oct. 1
Donovan, William	A1461	24	Oct. 7
Didrick, Charles	A1468	17	Oct. 9
Dalzell, W. F	A1504	17	Oct. 22
Deitz, Isaac	A1505	2	Do.
Dodge, O. L	A1512	5	Oct. 25
Dwyer, Thomas	A1519	13	Oct. 27
Donohue, James W	A1529	5	Nov. 1
Dibble, Amos	A1563	20	Nov. 15
Deming, Eugene W	A1581	7	Nov. 23
Du Bois, Archie	A1589	1	Nov. 24
Donovan, Timothy	A1600	16	Nov. 30
De Witt, Melvin	A1629	16	Dec. 13
De Hart, Samuel	A1647	2	Dec. 20
Douglass, Thomas	A1662	1	Dec. 24
Dowd, Patrick	A1664	6	Dec. 27
Eagen, James S	A634	1	Feb. 17
Elmendorf, Oscar	A653	1	Feb. 24
Eckhardt, John	A720	1	Mar. 18
Ellis, John W	A742	16	Mar. 26
Emery, Arthur L	A744	1	Do.
Ehle, Charles E	A785	10	Apr. 8
Ekblom, Mauritz A	A852	1	Apr. 23
England, Robert	A887	19	May 1
Easman, George	A921	14	May 12
Eckert, Reuben H	A963	26	May 21
Ensign, Lewis	A966	11	May 22
Echler, Thomas	A1046	17	June 11
Engels, Charles A	A1129	4	July 1
Ernst, Henry	A1176	1	July 15
Early, Frank	A1197	16	July 23
Edgar, Charles K	A1322	8	Aug. 26
English, Dennis	A1402	14	Sept. 20
Ehle, Robert	A1453	15	Oct. 4
Ennis, George L	A1561	12	Nov. 15
Elmendorf, Charles W	A1666	12	Dec. 27
Free, Casper	A579	2	Jan. 25
Freese, Etson L	A609	4	Feb. 8
France, David	A725	3	Mar. 19
Floyd, John R	A817	4	Apr. 15
Flood, Clarence A	A840	7	Apr. 21
Fornander, John A	A874	5	Apr. 29
Finger, George B	A914	16	May 10
Farrell, Thomas A	A926	2	May 13
Ford, Edwin	A931	10	May 14
Flynn, Hugh	A948	20	May 18
Farrington, S. A	A1004	13	June 1
Faurot, Campbell	A1010	22	June 2
Fealy, Jerry	A1033	11	June 8
Free, Lawrence	A1097	1	June 24
Finnerty, Patrick	A1145	13	July 8
French, James M	A1209	3	July 26
Ford, Lewis	A1271	22	Aug. 14

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Foland, John G	A1293	9	Aug. 19
Fisher, David J	A1367	13	Sept. 11
Faust, William A	A1382	3	Sept. 14
Ferrell, Merritt	A1446	10	Oct. 2
Fine, Frank	A1459	1	Oct. 6
Ford, James J	A1489	3	Oct. 19
Fitzgerald, William	A1490	9	Do.
Frost, Charles M	A1530	13	Nov. 1
Flagg, William	A1582	11	Nov. 23
Fitzpatrick, James	A1628	17	Dec. 13
Flynn, Thomas	A1649	9	Dec. 21
Foley, John E	A1653	1	Dec. 22
Gerdes, George S	A562	5	Jan. 20
Grove, Francis H	A602	14	Feb. 4
Grose, William C	A608	16	Feb. 8
Griffin, Frank	A610	14	Do.
Gibbs, John R	A686	5	Mar. 9
Gordon, Emblay S	A688	5	Mar. 10
Givnan, John J	A740	8	Mar. 24
Gokey, George	A779	29	Apr. 6
Gehlbach, George	A794	3	Apr. 10
Gross, Frederick W	A810	1	Apr. 14
Gluer, William	A850	3	Apr. 23
Grube, Andrew H	A851	1	Do.
Gunnerson, Samuel	A878	7	Apr. 30
Gay, Harrison	A879	16	Do.
Godfrey, Arthur W	A908	6	May 10
Garrety, James W	A910	16	Do.
Goux, Eugene	A929	6	May 14
Gurney, James B	A930	11	Do.
Gildersleeve, Charles B	A968	3	May 23
Gardineer, Warren D	A978	15	May 26
Garber, Frank	A1036	14	June 9
Grice, William H	A1054	25	June 12
Glazier, Joseph W	A1078	12	June 18
Grice, Samuel G	A1140	21	July 6
Goldsmith, Fred	A1149	4	July 8
Galina, Thomas J	A1171	3	July 14
Goodrich, John C., jr	A1183	17	July 16
Garrison, Fenton H	A1235	13	Aug. 3
Gallagher, Eugene	A1265	1	Aug. 11
Gooney, James	A1287	15	Aug. 18
Grady, James F	A1307	12	Aug. 23
Gracey, Stewart	A1319	2	Aug. 26
Grant, Martin	A1352	10	Sept. 2
Gorman, George	A1362	6	Sept. 9
Gallagher, Charles P	A1381	14	Sept. 14
Grimes, James	A1385	14	Sept. 15
Gelshine, Joseph	A1389	8	Sept. 16
Geil, Paul	A1403	5	Sept. 21
Greacen, S. B	A1493	13	Oct. 19
Graham, John	A1500	12	Oct. 22
Goodsell, Sherman	A1523	7	Oct. 28
Greene, Gustavus E	A1543	14	Nov. 8
Gould, Abram C	A1546	14	Nov. 9
Gager, Edwin M	A1607	19	Dec. 4
Grant, John	A1613	14	Dec. 6
Grant, Samuel S	A1643	3	Dec. 18
Gehde, Conrad	A1652	16	Dec. 22
Grady, James F	A1659	13	Dec. 23
Hughes, John	A504	15	Jan. 2
Hanaway, Daniel	A635	14	Feb. 18
Houldcroft, William J	A636	1	Feb. 19
Haines, James T	A691	4	Mar. 10
Holland, Mark	A703	16	Mar. 15
Hammond, A. L	A716	1	Mar. 17
Hammond, Reuben	A721	1	Mar. 18
Hannan, William	A736	4	Mar. 23
Hanson, Carl	A737	5	Do.
Hotaling, R. L	A738	17	Do.
Haley, Patrick J	A739	13	Mar. 24
Horton, Claude	A761	9	Mar. 31
Hammond, Patrick F	A792	8	Apr. 10
Head, Harry	A806	8	Apr. 14
Henion, John	A808	15	Do.
Horan, Michael	A816	17	Apr. 15
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Headifen, James	A838	7	Apr. 21
Houghtaling, J. B	A839	9	Do.
Hammond Clayton D	A867	5	Apr. 28
Hadfield, John A	A873	13	Apr. 29
Hansche, Ernest	A892	3	May 6
Hopkins, Charles	A909	7	May 10
Holloway, William	A912	18	Do.
Hummel, George	A946	10	May 18
Hoagland, Farmer	A971	15	May 24
Hallenbeck, Charles	A974	3	May 25
Holland, Amelia	A986	8	May 27
Hawkes, James A	A1089	11	June 21
Harris, Frank	A1174	16	July 15
Holland, James	A1198	3	July 23
Hudler, James	A1208	11	July 26
Henwood, Henry	A1210	6	July 27
Hutton, David	A1247	4	Aug. 6
Harrington, William	A1306	19	Aug. 23
Hallenbeck, Daniel	A1311	13	Aug. 24
Hughes, Adolphus	A1357	9	Sept. 8
Holloway, Charles A	A1377	15	Sept. 14
Howland, Calvin	A1398	34	Sept. 20
Hoffman, Lewis F	A1401	24	Do.
Hering, Louis	A1407	9	Sept. 22
Holland, James C	A1412	7	Sept. 23
Helstrom, Charles	A1452	3	Oct. 4
Habert, Joseph	A1476	25	Oct. 13
Hasnan, John J	A1507	1	Oct. 23
Hodgkiss, S. C	A1527	5	Oct. 30
Haynor, George	A1551	6	Nov. 10
Hummel, Adam	A1604	3	Dec. 3
Healey, Thomas	A1617	11	Dec. 7
Hinson, Christopher C.	A1636	1	Dec. 16
Ivory, John	A1002	17	June 1
Ivory, James	A1621	23	Dec. 8
Johnson, Eric W	A574	1	Jan. 22
Jevens, William E	A642	1	Feb. 20
Johnson, Edward C	A648	18	Feb. 23
Jordan, W. R	A670	3	Mar. 3
Jackson, Howard	A717	1	Mar. 17
Jackson, Israel	A775	15	Apr. 5
Johnstone, James R	A860	8	Apr. 26
James, Benjamin	A885	15	May 1
Jones, John	A893	21	May 6
Johnson, John A	A990	2	May 28
Jaycox, Samuel	A1057	16	June 14
Journeay, Robert	A1162	19	June 12
Johnson, William F	A1250	14	Aug. 7
Jensen, Berut	A1309	3	Aug. 23
Johnson, John E	A1356	7	Sept. 8
Jenkins, Stewart B	A1435	3	Sept. 29
Jamison, Thomas	A1579	2	Nov. 22
Joyce, Daniel E	A1596	3	Nov. 29
Kerns, John	A695	9	Mar. 12
Keenan, Thomas	A743	5	Mar. 26
Kuhout, Josiah	A757	6	Mar. 30
Kelly, Alvin	A766	1	Apr. 2
Kretzmer, Anthony F	A814	1	Apr. 14
Kissam, George W	A881	1	Apr. 30
Keating, John W	A932	10	May 14
Knapp, Stephen C	A935	10	May 15
Kelly, James	A965	1	May 21
Krom, Frank W	A984	2	May 27
Kiernan, Thomas	A1037	29	June 9
Kernan, William	A1077	17	June 18
Kane, Henry E	A1084	7	June 19
Kome, Frederick	A1123	1	June 30
Kearney, Henry	A1152	24	July 9
Karlson, Abram	A1217	7	July 28
Kelley, Hugh	A1233	6	Aug. 2
Kelly, Thomas	A1337	17	Aug. 4
Kellogg, Alpheus M	A1249	14	Aug. 7
Kennelly, John	A1263	6	Aug. 10
Kane, Patrick	A1292	1	Aug. 18
Kane, Edward	A1355	2	Sept. 7
Kress, John A	A1369	9	Sept. 13

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Kilroy, James	A1390	4	Sept. 16
Kelly, Patrick	A1522	26	Oct. 28
Kelly, Florence	A1533	7	Nov. 3
Kuckenbeiser, Loyis	A1552	3	Nov. 10
Kendall, Harry	A1585	1	Nov. 24
Knorr, Joseph	A1632	20	Dec. 15
Knox, Sanford	A1639	4	Dec. 18
Kiah, Abraham L	A1672	2	Dec. 31
Libert, Vincent	A557	4	Jan. 18
Low, William	A669	10	Mar. 3
Larsen, John W	A692	2	Mar. 11
Lounsberry, Jesse	A707	8	Mar. 15
Larkin, James	A731	18	Mar. 22
Lane, Michael	A741	5	Mar. 25
Lukseck, Anthony	A767	2	Apr. 3
Lawless, Emmet	A804	2	Apr. 14
Lunden, Henry	A832	3	Apr. 19
Leahy, Patrick E	A834	6	Do.
Larsen, John F	A848	6	Apr. 23
Lindquist, Victor A	A998	10	May 29
Lague, William H	A1028	21	June 7
Lawlor, John J	A1053	1	June 12
Laley, John	A1068	20	June 17
Lasher, Arthur	A1083	2	June 19
Larkins, John	A1098	15	June 24
Loschinski, Joseph	A1106	11	June 25
Letts, Benjamin T	A1121	2	June 30
Lane, Edward	A1230	7	Aug. 2
Loever, Charles	A1248	4	Aug. 6
Lutz, Frederick L	A1275	11	Aug. 16
Layton, Abraham	A1285	5	Aug. 17
Lynch, William	A1321	27	Aug. 26
Lorf, Frederick	A1330	7	Aug. 28
Linsley, George	A1370	7	Sept. 13
Leonard, Thomas	A1374	12	Do.
Lasher, Henry, jr	A1414	22	Sept. 24
Lyons, John	A1447	2	Oct. 2
Lent, John	A1471	32	Oct. 11
Lent, Joseph	A1501	1	Oct. 23
Lenox, Charles	A1510	22	Oct. 25
Lupton, James F	A1532	4	Nov. 3
Logue, John E	A1553	13	Nov. 11
Larty, John	A1560	7	Nov. 15
Lee, Robert	A1586	12	Nov. 24
Lee, Frank	A1655	5	Dec. 23
Low, Charles	A1669	12	Dec. 28
McKinney, John P	A563	6	Jan. 20
McCurrie, James	A626	6	Feb. 15
Morton, James, jr	A629	2	Feb. 16
Myers, William	A630	3	Do.
McDonough, Edward	A631	6	Do.
McEvoy, Thomas	A638	2	Feb. 19
Musier, Charles	A651	4	Feb. 24
McGarvey, Edward E	A656	14	Feb. 25
McElroy, Stewart	A665	2	Mar. 1
Mars, Frank	A671	2	Mar. 3
Murphy, James E	A693	3	Mar. 11
Marsh, R. F	A701	6	Mar. 15
Morris, James	A702	3	Do.
Marvin, George C	A724	15	Mar. 19
McLuckey, James	A748	1	Mar. 27
Mulbern, James	A798	6	Apr. 12
Marshall, John E	A824	6	Apr. 16
Mills, Arthur J	A836	3	Apr. 20
Mansfield, Robert C	A846	2	Apr. 23
McDowell, William	A853	12	Apr. 24
Meade, James	A857	15	Apr. 26
Murphy, John	A891	25	May 5
Mayer, Ernest H	A901	4	May 7
Montrose, Charles	A933	13	May 15
Marfleet, Robert	A943	13	May 17
Mackey, Charles E	A949	15	May 18
Mackin, John P	A959	30	May 20
Mullarkey, Michael F	A964	1	May 21
Morrison, George	A991	33	May 28
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
McGrath, John	A992	19	May 28
McNulty, James	A1007	9	June 2
Millet, Manuel	A1012	17	Do.
McCann, Peter	A1026	25	June 5
Murray, David, jr	A1029	4	June 7
McArthur, Edward	A1050	1	June 11
McNeill, William	A1061	11	June 14
Marhooper, Alexander	A1070	1	June 17
Mahoney, John T	A1086	15	June 21
McDevitt, James	A1100	15	June 24
Mackenzie, Augustus	A1118	20	June 29
Muller, Edward	A1122	3	June 30
McAvoy, Richard	A1160	9	July 1
Mesler, William P	A1131	14	July 2
McCreevy, Matthew	A1138	15	July 6
Marr, Robert	A1146	5	July 8
McGibbon, Peter	A1153	11	July 9
McCarthy, Cornelius	A1154	11	July 10
McCann, James	A1156	30	Do.
McCarron, Daniel	A1196	13	July 23
Manning, Patrick B	A1211	13	July 27
Meyers, Charles	A1225	4	July 30
Mehlman, Emil T	A1228	11	July 31
McCoole, Patrick	A1240	3	Aug. 5
Monahan, Patrick J	A1270	1	Aug. 13
McNelis, George	A1273	18	Aug. 14
McMeekin, William J	A1286	16	Aug. 18
Muller, Frederick	A1310	21	Aug. 24
Mitchell, Joseph A	A1317	5	Aug. 25
Mead, Theodore C	A1332	17	Aug. 30
Miller, John	A1333	16	Do.
McKinley, Leslie	A1339	3	Aug. 31
Monahan, Lawrence	A1343	2	Sept. 1
Moran, James	A1348	16	Do.
McNeill, Thomas	A1349	8	Sept. 2
Murdock, George W	A1359	14	Sept. 9
McConnell, James H	A1371	21	Sept. 13
McKenzie, John	A1443	14	Oct. 1
McGovern, John	A1456	30	Oct. 6
McDermott, James	A1458	15	Do.
Major, Charles	A1503	1	Oct. 22
Milton, John	A1515	19	Oct. 26
Morrison, Harry	A1528	5	Oct. 30
Mandigo, Edward	A1536	19	Nov. 4
Morris, William	A1578	11	Nov. 22
Manning, William J	A1593	14	Nov. 26
Mower, William P	A1595	6	Nov. 27
More, Samuel L	A1599	13	Nov. 30
Musier, William M	A1603	18	Dec. 3
McDonnell, John	A1609	10	Dec. 4
Murgittroyd, Henry	A1648	3	Dec. 20
Murphy, Edward	A1650	25	Dec. 21
McCadden, James	1647	17	Dec. 18
Nolan, Charles F	A605	1	Feb. 5
Newman, George	A637	11	Feb. 19
Nelson, James	A654	4	Feb. 24
Nelson, August	A880	1	Apr. 30
Noyes, William	A917	14	May 12
Noble, Harry P	A935	12	May 25
Nolan, Michael J	A1022	17	June 4
North, Melbourne	A1031	2	June 7
North, Crawford	A1040	6	June 10
Nugent, Pat F	A1142	3	July 7
Nickerson, Augustus	A1554	19	Nov. 11
O'Rourke, John	A614	19	Feb. 10
O'Connor, Patrick H	A801	13	Apr. 13
O'Connor, Joseph	A872	2	Apr. 29
O'Connor, John T	A1151	5	July 9
Oneker, Christopher F	A1290	1	Aug. 18
O'Reilly, John	A1477	5	Oct. 14
O'Hearn, Thomas	A1509	19	Oct. 25
O'Donnell, Louis B	A1531	5	Nov. 3
O'Connor, Harry P	A1658	2	Dec. 23
Palmer, Reuben H	A613	11	Feb. 10
Pierce, Robert B	A866	3	Mar. 1

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Peterson, William F	A677	4	Mar. 4
Platt, John	A689	2	Mar. 10
Petrie, Edward R	A719	12	Mar. 18
Price, Martin	A750	22	Mar. 29
Pratt, George H	A760	2	Mar. 31
Pearsall, John W	A772	6	Apr. 5
Petrie, Anson	A951	2	May 18
Phelan, Dennis	A970	5	May 24
Perry, Joseph H	A972	9	Do.
Parson, Isiah	A977	14	May 25
Peterson, Erick	A993	6	May 28
Peterson, Frederick	A994	3	Do.
Peck, William S	A1019	2	June 4
Palmer, Isaac S	A1020	20	Do.
Popp, William	A1025	1	June 5
Pratt, William W	A1062	9	June 15
Piper, John	A1110	14	June 26
Kreis, David A	A1136	15	July 6
Pratt, Seeley L	A1141	15	Do.
Peterson, Peter	A1192	5	July 21
Petrie, Enos B	A1207	12	July 26
Pullen, Jesse	A1239	19	Aug. 5
Palermo, Antonio	A1252	4	Aug. 7
Palmatier William H	A1312	10	Aug. 24
Polhemus, Benjamin F	A1316	17	Aug. 25
Peloubet, Perry M	A1327	1	Aug. 27
Potter, Josiah	A1335	3	Aug. 30
Pearsall, Richard	A1338	14	Aug. 31
Pelton, Preston	A1342	17	Sept. 1
Philp, John	A1345	7	Do.
Plattner, William C	A1451	8	Oct. 4
Petrie, Lewis E	A1460	9	Oct. 6
Polhemus, Abram G	A1472	20	Oct. 12
Peterson, John E	A1473	3	Do.
Peterson, Theodore L	A1482	7	Oct. 16
Pidgeon, Henry	A1484	9	Do.
Pope, James E	A1494	23	Oct. 20
Parker, Samuel	A1534	12	Nov. 3
Palmer, C. T	A1542	16	Nov. 8
Preitz, Joseph	A1558	11	Nov. 13
Peloubet, Charles E	A1568	5	Nov. 17
Peterson, Oscar	A1618	4	Dec. 7
Patterson, Silas	A1641	26	Dec. 18
Quigley, Charles	A612	4	Feb. 8
Quigley, Patrick	A660	4	Feb. 27
Reid, Henry	A581	18	Jan. 25
Rochelle, Charles	A658	1	Feb. 26
Richards, George H	A662	24	Feb. 27
Relyea, H. J	A704	13	Mar. 15
Reno, John A	A753	9	Mar. 29
Rockefellow, Edward	A774	23	Apr. 5
Ratel, William H	A796	3	Apr. 12
Redmond, Frederick M	A833	3	Apr. 19
Rose, Rowland T	A837	27	Apr. 20
Rodican, John	A869	5	Apr. 28
Redmond, William H	A870	7	Do.
Reid, Samuel M	A899	4	May 6
Ripley, Edwin L	A905	18	May 8
Rommel, Frederick W	A934	6	May 15
Rose, David C	A937	9	Do.
Rutledge, George H	A947	16	May 18
Ryerson, George W	A1003	10	June 1
Rutledge, Joseph	A1030	13	June 7
Richard, Birsley	A1032	10	June 8
Rickard, Samuel M	A1051	5	June 11
Ripley, Joseph	A1058	11	June 14
Reeves, Arthur	A1085	6	June 21
Ryan, James	A1137	29	July 6
Rasmusson, Rasmus P	A1143	1	July 7
Riley, John B	A1238	3	Aug. 4
Reis, Joseph M	A1243	6	Aug. 6
Rice, Michael	A1324	21	Aug. 27
Roche, James P	A1360	3	Sept. 9
Reilly, Mark E	A1379	15	Sept. 14
Russell, Louis	A1396	9	Sept. 18
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Rectenwald, Peter	A1415	4	Sept. 24
Rue, William H	A1433	27	Sept. 28
Ryan, Peter	A1485	21	Oct. 16
Righter, L. G	A1517	15	Oct. 27
Risedorf, William M	A1580	16	Nov. 23
Ronalder, Frantz	A1605	1	Dec. 3
Relyea, Richard A	A1606	6	Dec. 4
Rea, John	A1626	2	Dec. 11
Ross, Hugh M	A1637	5	Dec. 17
Ruoff, Charles C	A1644	3	Dec. 18
Ryan, Michael B	A1670	23	Dec. 28
Robedee, George W	A1675	15	Dec. 31
Smith, Louis	A596	4	Feb. 3
Sirrine, C. E	A597	1	Do.
Sitzabee, George H	A649	3	Feb. 23
Snedaker, P. M	A676	12	Mar. 4
Smith, John	A683	7	Mar. 9
Stanley, William C	A746	9	Mar. 27
Starin, Andrew	A769	6	Apr. 3
Slimm, Robert E	A776	5	Apr. 5
Sipperly, Fulton H	A1634	18	Apr. 7
Smith, George S	A784	5	Apr. 8
Smith, Frank P	A821	14	Apr. 16
Sanders, Elbert G	A828	21	Apr. 19
Sheehan, James A	A847	3	Apr. 23
Smith, Zephaniah C	A856	9	Apr. 26
Sorenson, John	A903	1	May 7
Sly, James	A928	11	May 13
Sandy, John B	A980	9	May 26
Schmidd, Charles	A1008	6	June 2
Sheehan, Timothy	A1039	2	June 9
Saulspaugh, Arthur	A1066	8	June 16
Smith, Leroy	A1104	7	June 25
Saulspaugh, Victor A	A1126	5	July 1
Slattery, William M	A1144	2	July 7
Selover, John C	A1165	13	July 14
Shaw, Joseph	A1180	18	July 16
Schenck, John	A1213	17	July 27
Sullivan, John M	A1216	2	July 28
Scheideman, Allerich	A1283	5	Aug. 17
Silvey, Joseph	A1329	14	Aug. 28
Sofield, Joseph	A1344	15	Sept. 1
Sullivan, Patrick J	A1347	1	Do.
Spault, Walter C	A1391	11	Sept. 16
Secor, E. S	A1392	6	Do.
Stiles, Charles E	A1395	11	Sept. 18
Swanson, Alexander	A1422	2	Sept. 27
Sleight, William M	A1429	2	Sept. 28
Sayre, George B	A1457	12	Oct. 6
Smith, Richard	A1487	18	Oct. 18
Sherman, John W	A1491	13	Oct. 19
Smith, James M	A1537	16	Nov. 4
Smith, Michael	A1565	18	Nov. 16
Small, William	A1570	13	Nov. 18
Sawyer, Walter A	A1608	4	Dec. 4
Shaw, James P	A1614	10	Dec. 7
Sundstrom, John F	A1625	8	Dec. 11
Schultz, Vanderhoof	A1673	13	Dec. 31
Spears, Robert F	A1674	6	Do.
Terry, Joseph H	A603	8	Feb. 5
Tillotson, Adolph	A659	1	Feb. 26
Timmans, Robert B	A667	11	Mar. 2
Thornton, Patrick	A854	16	Apr. 24
Tastrom, A. F	A863	14	Apr. 26
Thomas, Charles E	A906	11	May 8
Toland, John	A953	7	May 19
Tobin, Charles	A1111	12	June 28
Thomas, William H	A1173	3	July 15
Tigue, Edward W	A1234	18	Aug. 2
Travers, Francis L	A1256	5	Aug. 10
Thorpe, John S	A1268	23	Aug. 12
Thompson, Frank	A1297	1	Aug. 20
Taylor, William H	A1304	9	Aug. 23
Twiggs, Augustus	A1388	17	Sept. 16
Thomas, John M	A1393	1	Sept. 17

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Tyler, William	A1411	2	Sept. 23
Torrance, William	A1572	11	Nov. 19
Travers, Martin A	A1633	13	Dec. 15
Underhill, Abel W	A745	18	Mar. 26
Uhrig, Julius E	A1502	1	Oct. 22
Van Wagner, George	A593	12	Feb. 1
Van Alst, Robert	A718	16	Mar. 18
Van Wart, J. William	A758	6	Mar. 30
Van Woert, George S	A782	4	Apr. 7
Van Hoesen, Thos. W	A791	2	Apr. 10
Van Schaick, Peter	A803	14	Apr. 14
Van Bramer, James H	A997	11	May 29
Van Arsdale, John	A1041	12	June 10
Van Alst, James	A1044	27	June 11
Valkenburgh, E. C	A1065	16	June 15
Van Alst, George W	A1105	23	June 25
Vandecar, John H	A1113	15	June 28
Van Vleit, Warren K	A1125	6	July 1
Van Heest, Tunis	A1160	23	July 12
Van Pelt, Herman	A1191	1	July 21
Van Loan, George J	A1203	5	July 24
Van Buren, Wallace	A1218	1	July 28
Van Hoesen, John F	A1222	7	July 29
Vanness, Garrett	A1264	5	Aug. 11
Van Pelt, Benjamin F	A1288	15	Aug. 18
Van Ostrand, Charles	A1424	16	Sept. 27
Van Etten, Robert	A1470	4	Oct. 11
Van Thoden, P. N. A	A1475	5	Oct. 13
Vaughan, S. E	A1539	1	Nov. 5
Wolverton, Nath'l F	A582	6	Jan. 25
Walt, Harry A	A604	1	Feb. 5
Wilson, Joseph A	A621	19	Feb. 13
Wilson, Jacob	A628	18	Feb. 16
Weatherburn, William	A655	1	Feb. 24
Warner, Daniel G	A673	1	Mar. 3
Williams, John G	A759	9	Mar. 30
Weinant, Herbert	A790	8	Apr. 10
White, Emanuel T	A813	19	Apr. 14
Williams, Jonathon M	A829	13	Apr. 19
Werner, Louis	A923	5	May 12
Wentworth, Charles B	A945	9	May 18
Williams, Owen J	A952	15	May 19
Ward, John H	A956	13	Do.
Walton, William A	A1043	10	June 11
Wade, John N	A1064	11	June 15
Wilson, Robert	A1067	5	June 16
Waite, William W	A1069	5	June 17
Waldron, Charles	A1076	5	June 18
Wiggins, William	A1094	16	June 22
Welling, James H. M	A1127	3	July 1
Whitaker, John	A1139	29	July 6
Waugh, George J	A1148	2	July 8
Woodcock, Willard J	A1150	2	July 9
Whitney, George E	A1153	21	July 10
Warren, John F	A1226	12	July 31
Wilson, George E	A1236	13	Aug. 3
Weackler, Otto	A1245	13	Aug. 6
Williams, M. S	A1246	17	Do.
Webb, Charles W	A1255	17	Aug. 9
Weed, C. E	A1269	11	Aug. 12
Webb, Louis C	A1298	1	Aug. 20
Williams, Harry	A1300	2	Do.
Wilson, James F	A1311	9	Aug. 24
Welch, Edwin	A1314	13	Do.
Ward, Peter	A1320	13	Aug. 26
Watson, John	A1331	13	Aug. 28
Wolven, Chester E	A1380	6	Sept. 14
Workman, John S	A1384	7	Sept. 15
Wolven, Charles E	A1442	23	Sept. 30
Wixon, Frank	A1480	12	Oct. 15
Walsh, William E	A1513	27	Oct. 25
Wadell, Joseph B	A1541	7	Nov. 6
Worthley, Jacob	A1598	6	Nov. 30
Webber, Maurice	A1624	10	Dec. 11
Yates, James	A771	13	Apr. 5
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Youngs, Charles W	A1099	23	June 24
York, James	A1454	13	Oct. 5
Zweifel, Kasper	A938	9	May 17
Zellmer, Fred	A1101	17	June 25
First assistant engineers (ocean).			
Armstrong, William S.	A502	19	Jan. 2
Anderson, James G	A1081	6	June 19
Attreed, Robert T	A1090	10	June 22
Aldcroft, James H	A1115	1	June 28
Anderson, John	A1267	9	Aug. 11
Allan, Alonzo	A1592	14	Nov. 26
Brown, John	A546	1	Jan. 15
Brown, Thomas	A583	7	Jan. 26
Berndt, Charles W	A756	10	Mar. 30
Bucuris, John E	A942	7	May 17
Bradley, Joseph	A1045	8	June 11
Brady, John T	A1087	18	June 21
Blyth, Thomas	A1114	2	June 28
Baird, Joseph	A1188	3	July 19
Burns, Peter	A1279	4	Aug. 16
Brockie, John	A1363	14	Sept. 10
Craig, John	A506	7	Jan. 4
Crane, James W	A600	16	Feb. 4
Cairns, William	A601	7	Do.
Carlton, Thomas	A729	13	Mar. 20
Callahan, Michael	A788	14	Apr. 9
Chisolm, William	A999	7	May 29
Corrigan, Patrick	A1017	1	June 3
Cockburn, Alexander	A1189	2	July 20
Clark, Harry S	A1214	17	July 27
Champlain, Richard W	A1220	5	July 28
Clark, George B	A1668	14	Dec. 28
Dougherty, Frank	A650	6	Feb. 23
DeButt, John	A799	8	Apr. 13
Deharde, John	A812	8	Apr. 14
Dixon, Robert S	A825	2	Apr. 17
Dale, Henry	A1082	20	June 19
Dineen, Michael J	A1241	10	Aug. 5
Decker, William F	A1372	10	Sept. 13
Doran, Thomas J	A1634	1	Dec. 15
Ellis, Thomas	A591	23	Feb. 1
Flannery, Patrick	A544	8	Jan. 15
Forsyth, William	A754	2	Mar. 29
Fallon, David	A827	5	Apr. 17
Fitzpatrick, William	A1232	16	Aug. 2
Fleming, Maurice	A1337	8	Aug. 30
Fitzpatrick, Robert	A1623	8	Dec. 9
Fitzpatrick, John	A1667	8	Dec. 27
Gibson, Charles A	A627	15	Feb. 16
Gildersleeve, Wm. H	A680	7	Mar. 5
Grant, James	A1013	16	June 2
Gunn, William J	A1079	7	June 18
Graef, J. H	A1535	8	Nov. 4
Helm, Joseph V	A511	15	Jan. 6
Henderson, Archibald	A559	4	Jan. 19
Hurst, Alfred R	A685	15	Mar. 9
Hill, Samuel	A1178	16	July 15
Hanigan, E. W	A1303	14	Aug. 23
Hopkins, Charles	A1431	25	Sept. 28
Horigan, James	A1469	27	Oct. 11
Haslam, Alfred	A1492	7	Oct. 19
Jablonsky, Edmund A	A734	11	Mar. 23
Jennings, Hugh	A780	5	Apr. 6
James, Rowland O	A1611	9	Dec. 6
King, Thomas A	A611	8	Feb. 8
Kavanagh, Daniel	A764	8	Apr. 2
Kerr, Matthew	A1018	6	June 3
Lapham, John G	A657	7	Feb. 26
Larkin, T. W	A1221	7	July 29
Lihon, James	A1439	1	Sept. 29
Louis, William	A1526	5	Oct. 29
Leathem, Joseph	A1575	12	Nov. 20

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers (ocean)—Cont'd.			
McNeill, Charles W	A508	12	Jan. 4
McConnachie, John	A551	10	Jan. 16
Magee, John	A552	7	Do.
Murphy, Michael	A577	1	Jan. 23
Morris, John T	A599	15	Feb. 4
Morrisey, Joseph	A617	5	Feb. 10
McCarthy, Jeremiah	A644	12	Feb. 20
McGinnis, James	A652	14	Feb. 24
McMahon, Patrick	A815	15	Apr. 15
McIntyre, Thomas	A845	14	Apr. 22
Miller, William	A859	5	Apr. 26
McDonald, John	A871	11	Apr. 28
Morris, John H	A877	14	Apr. 30
Morgan, Bernard	A961	10	May 21
McCormick, Peter	A962	18	Do.
McLean, Thomas S	A1001	1	June 1
Mooney, Hugh	A1027	6	June 7
Mittage, Jacob	A1072	27	June 17
Marshall, John	A1073	7	Do.
McArthur, Frank	A1157	10	July 12
Miller, Fred	A1175	7	July 15
Mehlman, August	A1202	6	Aug. 10
Miller, John	A1295	7	Aug. 19
Miller, Leonard R	A1378	29	Sept. 14
McDonald, Owen	A1399	7	Sept. 20
McDermott, William	A1557	8	Nov. 12
McGinn, Michael	A1583	4	Nov. 23
McGee, Owen	A1638	9	Dec. 17
Marshall, Angus	A1663	4	Dec. 27
Neilley, James	A674	6	Mar. 4
Neilsen, Peter	A1186	7	July 19
Nelson, Charles A	A1559	5	Nov. 13
O'Donovan, John J	A682	7	Mar. 6
O'Keefe, James J	A723	7	Mar. 19
O'Day, James	A1215	10	July 28
Oliver, Benjamin H	A1562	7	Nov. 15
Pellew, Sydney	A1244	8	Jan. 15
Pettit, William A	A705	17	Mar. 15
Putney, Frank	A883	8	May 1
Pabst, George	A985	5	May 27
Pabst, Christian	A1212	12	July 27
Parker, Walter E	A1619	4	Dec. 7
Ray, Benjamin M	A537	8	Jan. 14
Roberts, William D	A570	14	Jan. 21
Riley, Peter	A571	25	Do.
Ricke, William F	A595	8	Feb. 2
Robertson, Robert B	A639	15	Feb. 19
Ryan, John F	A697	8	Mar. 12
Ryan, John J	A960	10	May 21
Robinson, Charles	A1000	3	June 1
Redfield, William	A1042	8	June 11
Reardon, James W	A1566	4	Nov. 16
Sweeny, John C	A1181	4	July 16
Sheffer, John W	A1259	11	Aug. 10
Sweeney, Alfred L	A1419	13	Sept. 25
Smith, Henry B	A1438	4	Sept. 29
Sherwood, John W	A1467	7	Oct. 9
Sorensen, C. M. A	A1545	6	Nov. 9
Short, Francis P	A1576	9	Nov. 20
Siegfried, Samuel P	A1590	17	Nov. 26
Stiner, D. P	A1656	1	Dec. 23
Townsend, David E	A696	4	Mar. 12
Tracy, Edward J	A822	6	Apr. 16
Townsend, Frank W	A1346	4	Sept. 1
Taylor, Andrew	A1373	5	Sept. 13
Tolbert, Charles W	A1550	5	Nov. 10
Veeder, John V	A520	15	Jan. 7
Vandiver, Millard C	A607	14	Feb. 6
Vogtlander, Henry	A967	5	May 22
Wiburg, Knut E	A590	3	Jan. 30
Wilton, R. Floyd	A585	7	Jan. 26
Wandell, John T	A795	15	Apr. 12
Walling, James M	A863	23	Apr. 26
Waters, Joseph J	A958	6	May 19
Whitaker, Randall	A1075	3	June 18
Wood, William R	A1103	7	June 25
Whalen, James	A1206	17	July 26
First assistant engineers (ocean)—Cont'd.			
Wade, Charles R	A1318	18	Aug. 26
Wright, Jefferson	A1405	19	Sept. 21
Wright, John R	A1474	3	Oct. 12
Welscher, Victor	A1497	4	Oct. 21
First assistant engineers (inland).			
Boyes, Charles W	A540	25	Jan. 14
Boller, George	A547	1	Jan. 16
Blass, Philip H	A569	11	Jan. 21
Baure, Charles	A889	15	May 4
Beatty, Elbert O	A1102	7	June 25
Cassidy, Peter	A668	4	Mar. 2
Carlsen, John	A727	1	Mar. 19
Carl, Clarence A	A728	2	Mar. 20
De Bean, Louis	A539	2	Jan. 14
Delaney, William P	A898	3	May 6
Dimsey, William	A927	3	May 13
Des Jardines, Louis P	A1088	8	June 21
Dufort, Joseph	A1108	16	June 26
Davenport, Matthew	A1147	2	July 8
Denny, Hosea N	A1631	3	Dec. 14
Ellis, William H	A548	5	Jan. 16
Fanning, Albert B	A524	1	Jan. 9
Fitzgerald, Edward J	A786	7	Apr. 9
Fowler, James	A855	31	Apr. 26
Goldsmith, Berier	A530	8	Jan. 12
Haley, Charles B	A517	15	Jan. 7
Howard, George C	A521	7	Jan. 8
Henderson, Edward	A525	14	Jan. 9
Hamill, Patrick J	526	5	Jan. 11
Heaney, Michael J	A527	4	Do.
Howell, H. W	A528	2	Do.
Holmes, Richard	A536	2	Jan. 13
Hopkins, James L	A542	32	Jan. 15
Hotaling, Martin G	A545	1	Do.
Hotaling, Thomas H	A778	4	Apr. 6
Hatch, William M	A800	3	Apr. 13
Hill, Albert W	A820	1	Apr. 15
Hobrough, John A	A1416	2	Sept. 24
James, Andrew	A749	4	Mar. 27
Jones, Evan R	A981	1	May 26
Keene, William B	A543	1	Jan. 15
Krows, Jansen	A622	8	Feb. 13
Kneeshaw, Louis	A777	4	Apr. 6
Kelly, John C	A950	6	May 18
King, Stephen W	A1074	4	June 17
Kerley, John	A1161	14	July 12
Lindburg, Johnar	A598	1	Feb. 3
Leighton, Richard E	A1219	3	July 28
Monaghan, Charles	A513	6	Jan. 6
McGraw, Robert	A534	13	Jan. 13
MacNish, Bruce	A541	3	Jan. 14
Moffit, Thomas	A550	17	Jan. 16
Mower, George W	A709	22	Mar. 15
Maher, Thomas	A919	5	May 12
Marritt, George C	A1024	13	June 5
Mabie, Harry	A1166	3	July 14
Mackey, George	A1291	2	Aug. 18
McQueen, William	A1323	14	Aug. 27
McGee, S. W	A1437	16	Sept. 29
Peterson, William H	A533	19	Jan. 12
Purdy, Hasbrouck S	A858	6	Apr. 26
Pastor, Charles J	A1016	2	June 3
Powell, Isaac H	A1063	6	June 15
Peterson, John	A1135	3	July 6
Parsell, David H	A1584	1	Nov. 24
Reilley, John	A522	4	Jan. 8
Rice, John	A523	16	Jan. 9
Rugear, Ephraim	A578	4	Jan. 25
Rodman, Theron E	A979	17	May 26
Riechman, William	A1060	2	June 14
Rosa, William	A1463	7	Oct. 8
Rolph, George	A1520	14	Oct. 27
Rockefellow, Charles	A1588	5	Nov. 24
Schrader, John W	A507	2	Jan. 4

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers (inland)—Cont'd.			
Segerstrom, Charles	A751	2	Mar. 29
Schryver, Philip A	A868	3	Apr. 28
Sheehan, Martin T	A1242	9	Aug. 6
Stewart, David H	A1308	9	Aug. 23
Smith, William E	A1368	25	Sept. 13
Sandacher, Charles	A1483	4	Oct. 16
Thompson, Robert J	A612	1	Jan. 6
Toher, Thomas F	A1244	16	Aug. 6
Webb, Thomas	A518	21	Jan. 7
Ward, John	A529	11	Jan. 11
Worthley, George H	A516	28	Jan. 7
Wilson, Edward	A549	3	Jan. 16
Wild, Robert	A641	2	Feb. 20
Williams, William M	A726	3	Mar. 19
Second assistant engineers (ocean).			
Amann, Joseph S	A1450	9	Oct. 2
Amann, Nelson	A1573	2	Nov. 20
Adams, Charles F	A1574	22	Do.
Briggs, William	A531	4	Jan. 12
Burns, William	A687	3	Mar. 9
Bailie, Hugh	A805	15	Apr. 14
Brainard, W. N	A897	3	May 6
Brown, Robert	A1133	4	July 2
Bittle, William H	A1400	13	Sept. 20
Collins, William	A606	7	Feb. 5
Clancy, John	A615	10	Feb. 10
Christiernin, Harry L	A712	3	Mar. 16
Costello, Michael	A976	12	May 25
Curtis, Arthur A	A1132	3	July 2
Desmond, Joseph W	A580	2	Jan. 25
Dougherty, Linsey	A896	2	May 6
Dromgool, Peter J	A1258	2	Aug. 10
Duprey, Frank S	A1434	3	Sept. 28
Dunn, John	A1616	15	Dec. 7
Enright, William J	A941	5	May 17
Ekstrand, Charles	A1289	9	Aug. 18
Glynn, Edward	A594	3	Feb. 1
Gutchens, Isaac	A698	16	Mar. 12
Gottschalk, Frank	A969	13	May 24
Gale, George	A1440	2	Sept. 30
Hughes, Charles J	A555	5	Jan. 18
Hamill, Hugh J	A561	6	Jan. 30
Hanway, William	A989	14	May 28
Hooker, Joseph	A1015	8	June 3
Hawthorn, Lyman G	A1231	3	Aug. 2
Haggerty, C. H	A1481	11	Oct. 15
Heilshorn, Walter	A1571	4	Nov. 19
Ingram, Edmund P	A987	13	May 27
Johnson, Frank	A1190	10	July 20
Johnson, Charles	A1341	6	Aug. 31
Johnson, Andrew	A1615	6	Dec. 7
Jackson, William	A1657	4	Dec. 23
Knudsen, Anton	A519	4	Jan. 7
Kelley, John H	A1096	12	June 24
Lee, William J	A509	14	Jan. 4
Lynch, John	A532	6	Jan. 12
Littlefield, O. R	A1056	3	June 14
Lofland, L. H	A1488	14	Oct. 18
Murray, John	A501	10	Jan. 2
McKenzie, John	A558	2	Jan. 19
Mann, Frank	A620	2	Feb. 13
McAllister, John A	A647	4	Feb. 23
McCabe, Patrick	A916	6	May 11
Murphy, Peter J	A1071	13	June 17
Manton, John J	A1184	10	July 17
McCullough, John	A1205	15	July 24
McGuire, John J	A1224	12	July 30
Matthews, Joseph	A1282	20	Aug. 17
Misland, Joseph H	A1284	7	Do.
McHenry, Donald E	A1340	2	Aug. 31
Murray, Joseph P	A1421	2	Sept. 25
McNamara, Frank	A1445	10	Oct. 5
McCormick, John B	A1544	2	Nov. 8
McLay, William	A1567	2	Nov. 16
Second assistant engineers (ocean)—Cont'd.			
McDonnell, Thomas	A1602	10	Dec. 1
Nagle, Martin	A576	3	Jan. 23
Nelson, Theodore	A809	5	Apr. 14
Nelson, Jacob F	A1055	9	June 12
Osborn, Lewis D	A556	8	Jan. 18
O'Hara, Louis	A830	6	Apr. 19
Perry, Alexander	A710	16	Mar. 15
Pickering, Richard N	A722	4	Mar. 18
Post, Walter L	A733	5	Mar. 23
Peters, John M	A1038	20	June 9
Peters, Charles	A1201	3	July 24
Potts, Robert	A1651	10	Dec. 22
Rockefellow, Nelson	A589	12	Jan. 29
Rogers, Edward	A1202	18	July 24
Russell, Joseph	A1540	4	Nov. 6
Sweeney, Nicholas	A573	16	Jan. 22
Smith, H. S	A713	9	Mar. 17
Sewall, George W	A802	7	Apr. 13
Sheehan, John	A1034	13	June 9
Standish, Richard	A1299	4	Aug. 20
Sheffer, H. B	A1432	13	Sept. 21
Sadler, William R	A1514	2	Oct. 26
Trastom, Edward T	A575	9	Jan. 23
Trippense, Harry	A818	3	Apr. 15
Van Riper, Silas	A1462	8	Oct. 7
Weinert, Joseph L	A538	8	Jan. 14
Williams, Frank G	A560	3	Jan. 20
Williams, Austin	A753	3	Mar. 29
Walls, Henry	A924	4	May 13
Wolff, Harry L	A1204	6	July 24
Ward, Augustine F	A1223	5	July 29
Whealen, John	A1334	17	Aug. 30
Willadson, John R	A1646	5	Dec. 20
Wearin, Frank W	A1676	3	Dec. 31
Youmans, George W	A1610	6	Dec. 4
Zetterblom, August W	A1170	6	July 14
Second assistant engineers (inland).			
Adams, Charles	A1011	3	June 2
Barrett, William	A864	3	Apr. 26
Buda, Frank	A1386	1	Sept. 15
Cox, Owen	A1548	15	Nov. 9
Haywood, Charles	A807	4	Apr. 14
Johnson, John	A1387	1	Sept. 15
Nadle, Garrett	A900	1	May 6
Rowland, Elwood	1620	5	Dec. 8
Spoor, William	A515	14	Jan. 6
Spoor, Irving	A1278	16	Aug. 16
Wilkins, Harry	A844	2	Apr. 22
Weaver, Daniel P	A1521	3	Oct. 28
Zwickl, Maximilian	A1048	8	June 11
Third assistant engineers (ocean).			
Boone, William	A618	2	Feb. 11
Blackmann, R. J	A633	1	Feb. 17
Burke, Edward	A645	1	Feb. 20
Blackburn, H. E	A711	3	Mar. 15
Butell, Amelias V	A882	1	Apr. 30
Branoner, Louis	A1302	7	Aug. 21
Bennett, Charles	A1594	4	Nov. 27
Clarke, Walter W	A566	1	Jan. 20
Clark, Peter	A690	1	Mar. 10
Coyle, John F	A730	4	Mar. 22
Crawley, John	A884	1	May 1
Cottrell, Arthur	A1350	1	Sept. 2
Denzler, Ernest	A1021	2	June 4
Davis, John T	A1116	2	June 29
Dair, John	A1162	5	July 13
Dibbert, Henry	A1478	4	Oct. 14
Durning, John J	A1479	4	Do.
Frazier, James	A675	1	Mar. 4
Fealy, William J	A1296	3	Aug. 20
Florence, Charles R	A1465	4	Oct. 8

Engineers licensed—New York, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Third assistant engineers (ocean)—Cont'd.			
Hanley, Hugh L	A505	2	Jan. 2
Hill, Robert A	A640	1	Feb. 19
Healey, Henry A	A672	2	Mar. 3
Handly, John	A681	5	Mar. 5
Hogan, William	A781	1	Apr. 6
Hamm, Alfred J	A842	1	Apr. 21
Hartley, John	A841	1	Do.
Henessy, William J	A902	1	May 7
Hansen, William	A1035	1	June 9
Harrison, Pearl P	A1047	3	June 11
Hebble, Amos S	A1549	1	Nov. 10
Jones, S. J	A714	3	Mar. 17
Jackson, David B	A1418	1	Sept. 24
Kohler, Albert J	A940	2	May 17
Lally, Patrick	A564	3	Jan. 20
Leavey, James	A1009	5	June 2
Latimer, John	A1023	3	June 5
Lee, Michael	A1498	10	Oct. 21
Leland, Theron C., jr	A1660	7	Dec 24
Marks, Allan W	A510	1	Jan. 5
Maxwell, John H	A663	2	Feb. 27
Murray, William	A765	1	Apr. 2
Mackie, Alfred R	A904	2	May 7
Martin, John	A1195	1	July 22
McGregor, Robert A	A1325	6	Aug. 27
McKinnie, C. H	A1499	5	Oct. 21
Nelis, Joseph J	A861	1	Apr. 26
Neilley, John A	A1375	1	Sept. 13
O'Neill, John	A762	12	Mar. 31
Peterson, Charles	A1182	7	July 16
Packer, Charles H	A1301	1	Aug. 20
Rogers, George	A1417	5	Sept. 24
Rodman, George W	A1671	12	Dec. 29
Stevenson, Allen	A514	3	Jan. 6
Stanton, John	A588	12	Jan. 28
Sheridan, John	A925	7	May 13
Scheer, George L	A1227	1	July 31
Shannon, William J	A1383	10	Sept. 14
Schaeffer, Eugene	A1569	1	Nov. 17
Ternsteadt, Klas H	A1354	7	Sept. 7
Wilson, Hugh H	A535	1	Jan. 13
Ward, John R	A684	3	Mar. 9
Waycott, Albert K	A955	1	May 19
Special engineers.			
Acker, Henry D., jr	A328	10	June 25
Applegate, William H	A337	4	July 9
Bowen, Robert A	A356	5	Nov. 15
Bardow, Joseph D	A357	8	Nov. 19
Clark, A. P	A301	5	Jan. 26
Clark, Baylies	A323	2	June 15
Special engineers—Continued.			
Currier, Osceola	A325	1	June 18
Chapman, Hubert W	A329	6	June 28
Crooke, Robert	A331	3	June 29
Casavary, Anson K	A345	3	Aug. 23
Cummings, James M	A346	9	Aug. 25
Chase, Daniel C	A351	5	Oct. 1
Entwistle, Robert	A310	1	Apr. 26
Eaves, Colin S	A338	7	July 17
Evans, Ulysses S	A353	2	Oct. 15
Ebermann, Christian	359	5	Nov. 29
Ferris, William P	A544	3	Aug. 23
Huyler, John E	A320	10	June 7
Harris, Jabez	A323	13	June 10
Hart, Peter	A330	4	June 28
Huyler, Cornelius	A336	10	July 9
Heidenburgh, Wm. A	A347	9	Sept. 1
Haskins, Charles A	A354	7	Oct. 27
Innes, Grant	A321	2	June 9
Johnson, Oskar L	A340	3	July 22
Koenig, August	A339	4	July 21
Kirk, Charles B	A341	6	July 30
Kuehne, Charles	A343	11	Aug. 21
Lyne, Lewis F	A316	2	May 21
Lyman, Thomas C	A317	8	May 24
McLoughlin, Charles	A305	14	Mar. 29
Mustin, Herbert	A307	1	Apr. 9
Muller, Theodore H	A308	1	Apr. 13
Meyer, Andrew	A314	3	May 21
Mackenzie, Marshall	A324	1	June 16
Miller, Henry	A326	1	June 18
Owen, Jesse E	A304	1	Mar. 26
Powers, William A., jr	A303	4	Feb. 25
Pease, Richmond	A316	7	May 22
Pendleton, John H	A327	3	June 23
Parmentier, Henry A	A333	2	July 6
Rackett, F. H	A311	10	May 4
Rice, Henry	A350	10	Sept. 14
Seguine, John G	A302	9	Feb. 24
Sofield, Adolphus A	A309	15	Apr. 22
Stetson, John S	A313	3	May 13
Squier, Benjamin T	A319	4	June 1
Stevens, Grant	A332	4	June 30
Schreimer, Joseph	A842	4	Aug. 4
Schwarzler, Otto J	A349	3	Sept. 2
Tompkins, Edward	A334	4	July 6
Terwilliger, William E.	A336	7	Do.
Thompson, John	A358	14	Nov. 26
Understiller, Charles	A348	1	Sept. 1
Urich, P. B	A352	8	Oct. 13
Wright, W. M	A355	8	Oct. 30
Whittier, Jason P	A360	6	Dec. 17
Zorn, Frederick	A312	9	May 6

LOCAL DISTRICT OF ALBANY, N. Y.

Masters licensed during the year ended December 31, 1897—Albany, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
Acker, Peter	9013	13	Apr. 12
Abrams, Thomas D	9053	22	June 1
Brown, Clarence E	9068	3	July 8
Clapp, George F	9054	2	June 16
Harcourt, Alfred H	9036	1	May 22
Odell, Jacob B	9051	15	June 11
Roosa, Zachariah	9011	13	Apr. 8
Roe, Stephen J	9014	24	Apr. 14
Rider, Albert	9076	10	July 22

Masters and pilots licensed during the year ended December 31, 1897—Albany, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
Anderson, A. Eltinge	9030	12	May 15
Atherton, Rudolph E.	9032	20	May 18
Averill, William L.	9044	15	May 29
Bishop, Charles E.	9009	3	Mar. 20
Briggs, Lewis	9022	24	May 4
Brooks, Abram L.	9043	16	May 26
Bull, David C.	9073	15	July 13
Briggs, John B.	9075	21	July 21
Bear, W. Allison	9090	13	Aug. 28
Brooks, William E.	9091	17	Aug. 20
Barrett, John A.	12905	2	Oct. 11
Cooper, Amos	9017	17	Apr. 22
Cooper, Joel A.	9021	6	May 13
Collier, Richard F.	9026	18	May 11
Cooper, Ira Newman	9027	6	Do.
Corey, Charles H.	9033	20	May 19
Craig, Charles H.	9049	16	June 7
Crum, James V. S.	9055	14	June 16
Crippen, Thomas	9056	13	Do.
Carpenter, Vanorden L	9077	12	June 11
Chard, David E.	9089	15	Aug. 28
Conklin, Charles E.	12910	22	Oct. 8
Craig, Alfred V. S.	12914	6	Oct. 22
Coleman, William	12926	25	Dec. 8
Dennis, Weston L.	9004	1	Jan. 23
Dumont, Herbert	9006	15	Feb. 19
Dibble, Esbon S.	9008	22	Mar. 11
Du Bois, James T.	9012	20	Apr. 19
Dearstyne, John	9019	2	Apr. 23
Du Bois, Jacob W.	9046	19	June 11
Demming, Lewis D	9052	26	Do.
Drake, William P.	9074	23	July 17
De Noyells, Frank L.	9086	8	Aug. 25
Davis, Alfred	9096	1	Sept. 11
Dunn, William J.	12920	11	Nov. 5
Evertsen, John H.	9020	34	Apr. 26
Estes, Milo D.	9026	25	July 3
Foland, William N.	9038	14	May 24
Forsyth, Alexander	9063	15	July 2
Frazier, John E.	9084	14	Aug. 23
Fisk, Esbon D.	12921	11	Nov. 10
Finger, William L.	12925	6	Dec. 7
Gilligan, Augustin S.	9047	6	June 2
Green, Seth C.	12906	27	Oct. 11
Gage, George B.	12917	16	Nov. 11
Hitchcock, Frank A.	9069	21	July 8
Hyde, Julius	9070	15	July 9
Hoff, Benjamin	9094	24	Sept. 11
Hitchcock, Alfred V. S.	9009	14	Sept. 17
Hasbrouck, Cyrus H.	12911	6	Oct. 18
Hallenbeck, Frank J.	12919	16	Nov. 5
Keller, George H.	9003	1	Jan. 9
Keller, Ezra D.	9059	26	June 18
Lounsbury, Marcus D.	9001	18	Jan. 5
Lawson, William E.	9025	24	May 10
Leeper, William R.	9040	25	May 26
Little, James	9085	20	Aug. 25
Lansing, Levinus	9088	13	Aug. 27
Lumley, Godfrey	12901	3	Sept. 25
Lawrence, Edward	12916	24	Oct. 25
Lodwick, Isaac	12923	6	Nov. 26
Maxwell, James A.	9018	13	Apr. 22
Magee, J. Rodney	9093	8	Aug. 31
McKnight, Nelson	9095	25	Sept. 4
Mabie, William H.	12903	16	Oct. 4
Manville, James H.	12909	26	Oct. 16
Noble, R. Emmit	9034	23	May 21
Outt, John J.	9015	3	Apr. 17
Outtrin, Fred. L.	9060	11	June 19
Pratt, Henry C.	9029	21	May 12
Post, George E.	9037	12	May 24
Person, David	9048	18	June 4
Perry, James S.	9057	9	June 17
Pratt, Joseph E.	9072	14	July 12
Patterson, Jeremiah	9082	21	Aug. 19
Pratt, William T.	12908	13	Oct. 15
Relyea, Jeremiah	9007	24	May 10
Relyea, Lorenzo D.	9035	16	May 21
Robinson, Harvey H.	9100	16	Sept. 18
Robinson, Lawrence V.	12904	29	Oct. 6
Sanlpangh, George E.	9002	9	Jan. 5
Smith, William T.	9010	3	Mar. 20
Spannburgh, Isaac	9010	22	Apr. 17
Scovill, David L.	9024	19	May 19
Sickles, William H.	9039	13	May 26
Staats, Philip J.	9058	15	June 17
Shook, John W.	9061	23	June 21
Smith, John R.	9065	17	July 2
Sickles, Alonzo	9078	19	Aug. 4
Suffer, Lewis	9079	9	Do.
Shultis, Willington C.	9080	15	Aug. 9
Smith, Joseph P.	9092	10	Aug. 30
Shook, William W.	9098	19	Sept. 16
Shook, John W.	12912	16	Oct. 19
Smith, Peter	12918	8	Nov. 3
Stevens, Frank	12924	15	Dec. 7
Teeling, George W.	9023	22	May 15
Tuttle, James R.	9042	14	May 26
Traver, George H.	9050	8	June 8
Temple, Harvey W.	9067	24	July 6
Tiffany, William H.	9071	14	July 12
Templeton, Andrew	12902	11	Sept. 28
Van Aken, A. B. H.	9028	14	May 11
Van Denburgh, John R.	12915	16	Oct. 25
Van Woert, William	12922	2	Nov. 22
Wells, Benjamin	9005	16	Jan. 25
Wolfe, William W.	9031	14	May 17
Woolsey, David C.	9041	24	May 26
Wood, Alfred P.	9062	26	June 21
Whiting, David F.	9064	10	July 2
Wheat, Platt S.	9081	20	Aug. 17
Walker, Alfred	9083	22	Aug. 23
Welch, James M.	9087	28	Aug. 27
Wolf, Percy S.	9097	1	Sept. 11
Walker, James A.	12907	13	Oct. 14
Winne, Staats	12913	19	Oct. 21
Yarter, Mitchel	9045	14	June 1

Pilots licensed during the year ended December 31, 1897—Albany, N. Y.

First-class pilots.			
Allen, James H	1013	12	Apr. 13
Ackley, James	1068	27	Sept. 8
Blodgett, James	1036	20	June 19
Briggs, Moses B	1046	31	June 26
Bedell, James H.	1056	19	Aug. 7
Brazier, William H	1078	23	Nov. 24
Brennan, Lawrence C.	1085	11	Dec. 1
Connors, Andrew	1023	20	May 19
Cooper, Sylvanus H	1027	10	May 24
Clinton, Thomas	1032	8	June 8
Clark, Lewis P.	1046	15	July 12
Cogswell, Frederick	1061	22	Aug. 24
First-class pilots—Continued.			
Collier, Alfred H.	1067	11	Nov. 11
Dee, James	1007	9	Mar. 20
Du Bois, George E.	1024	20	May 20
Denue, William H	1025	18	Do.
Davis, Ulster	1079	10	Nov. 13
Dunn, Edward P.	1083	9	Dec. 3
Eaton, Dwight G	1002	8	Jan. 4
Egnor, W. S.	1037	3	June 22
Elmendorf, James	1045	11	July 9
Effler, John	1051	19	July 24
Fuller, William D.	1006	7	Mar. 17
Field, George	1022	23	May 15

Pilots licensed—Albany, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First class pilots—Continued.			
Flanigan, James H	1064	11	Aug. 28
Gallagher, Thomas	1011	17	Apr. 7
Gilmore, John	1062	28	Aug. 25
Haber, Christopher	1033	16	June 11
Harvey, George E	1042	14	July 8
Hayes, Irving J	1066	4	Sept. 3
Hayes, William H	1069	8	Sept. 14
Hovey, Charles	1073	12	Oct. 26
Hill, Morris H	1075	4	Nov. 8
Howard, Richard T	1080	8	Nov. 13
Lasher, Herman	1010	8	Apr. 7
Langan, William H	1038	4	June 24
Langin, Frederick F	1071	5	Oct. 7
Lodge, Charles W	1086	14	Dec. 13
McArdle, Frank	1001	10	Jan. 4
Magee, Walter M	1014	12	Apr. 20
Martin, James B	1018	17	May 4
McKnight, Ernest	1020	15	May 5
McArdle, John P	1031	7	June 1
Mason, John D	1034	5	June 17
Morey, Robert H	1044	13	July 9
Maguire, William J	1048	5	July 15
Millard, Howard	1049	15	July 16
Mains, William B	1050	9	July 23
Miller, Albert E	1057	6	Aug. 9
Manders, Harry	1058	4	Aug. 11
Miller, Harvie E	1076	11	Nov. 9
O'Laughlin, Richard	1030	15	June 1
Provost, Francis S	1009	9	Mar. 27
Post, Charles H	1059	15	Aug. 20
Palmatier, George E	1072	9	Oct. 23
Patterson, Lewis B	1074	7	Oct. 27
Post, George P	1082	7	Dec. 3
Rainey, Alexander	1016	19	May 1
Richardson, Charles E	1039	7	June 24
Rand, Samuel K	1054	16	Aug. 2
Rightmyer, Joel	1076	23	Oct. 7
Spotten, Josiah G	1004	21	Feb. 5
Snyder, Joseph	1008	5	Feb. 20
Smith, William P	1015	13	Apr. 30
Spaunburgh, Charles	1019	8	Mar. 5
Shultis, Philip	1021	28	May 10
Stornis, William H	1028	15	May 28
Scott, George G	1035	3	June 17
Salpaugh, Roswell	1041	10	July 2
Smith, Alfred	1043	13	July 8
Shultis, Lewis	1053	37	July 30
Slawson, Charles T	1055	16	Aug. 2
Spoor, Wicks B	1063	11	Aug. 27
Smith, William H	1065	19	Sept. 2
Smith, James F	1081	10	Nov. 16
Van Woert, Eward N	1012	13	Apr. 10
Winchell, Charles	1003	9	Jan. 22
Whitmore, Collins	1005	9	Mar. 15
Whitchill, William	1017	15	May 3
Walker, George G	1026	8	May 22
Ward, Thomas	1029	24	May 29
Weiant, Charles	1047	13	July 15
Wright, William	1060	18	Aug. 23
Whitaker, Jeremiah	1067	23	Sept. 4
Worth, Walter F	1084	15	Dec. 9
Second-class pilots.			
Atkins, William	1095	10	July 3
Allen, William M	5761	12	Sept. 28
Bernard, George	1011	1	Feb. 24
Bernard, James	1020	1	Mar. 17
Bitely, James C	1038	3	Apr. 15
Bitley, Edward	1058	4	May 22
Bitley, Edward A	1071	11	June 8
Bartlett, John S	1078	11	June 15
Burns, George A	1088	15	June 24
Brink, Thomas	1099	2	July 7
Briggs, John N	5732	17	Aug. 21
Blodgett, Henry	5741	11	Sept. 1
Burlingham, Wm. H	5765	1	Oct. 2
Barber, Alonzo V	5768	25	Oct. 14
Second-class pilots—Continued.			
Barnett, John W	5775	17	Nov. 2
Berndt, Gustav	5779	3	Nov. 10
Carman, Abraham S	1001	6	Jan. 25
Connors, James	1010	1	Feb. 10
Conley, Harold M	1014	2	Mar. 10
Card, Washburne	1015	3	Mar. 13
Clute, James	1029	6	Apr. 1
Caffrey, Herbert	1031	3	Apr. 5
Clinton, Patrick	1044	9	Apr. 26
Cahill, George T	1048	5	Apr. 29
Cooley, W. Willard	1081	6	July 17
Coffin, Reuben	1082	2	June 19
Chard, Hewitt	1086	11	June 22
Cooley, George D	1087	10	June 23
Collier, James L	1089	6	June 24
Collins, E. D	5713	2	July 30
Clair, John A	5731	6	Aug. 19
Cummings, Henry	5736	11	Aug. 28
Craig, Joseph A	5737	2	Aug. 30
Conners, John P	5743	15	Sept. 2
Cashdolar, Sylvester	5752	11	Sept. 14
Chamberlain, George A	5753	15	Sept. 16
Conklin, Charles E	5769	9	Oct. 18
Cogswell, Fred. B	5778	11	Nov. 5
Davinport, Thomas H	1041	11	Apr. 22
Dedrick, Sylvester	1064	12	June 1
Doty, Byron Z	1065	5	June 26
Delemater, Allen	5701	8	July 13
Duffy, Charles	5716	11	Aug. 3
Drake, Frank V	5751	5	Sept. 14
Doyle, Bernard J	5757	2	Do.
Dolan, James H	5760	17	Sept 25
Davis, Oliver B	5762	5	Oct. 1
Delany, John J	5757	6	Oct. 19
Early, Charles	1094	18	July 2
Egnor, Charles	5745	23	Sept. 7
Ewards, George H	1094	18	July 2
Foss, Wilson P	1003	9	Jan. 14
Frank, William H	1065	3	June 1
Frank, Valentine	1066	3	Do.
Fowler, Walter	1079	1	June 16
Ferdon, Charles H	5717	13	Aug. 6
Fagan, Thomas P	5734	3	Aug. 24
Goarck, Charles	1040	15	Apr. 19
Green, James W	1053	4	May 10
Gleason, John H	1076	2	June 12
Goodwin, James	1097	3	July 6
Cilligan, Vincent	5726	8	Aug. 11
Gardner, William H	5730	14	Aug. 19
Grant, Fred C	5735	3	Aug. 27
Gardner, William H	5785	4	Dec. 17
Hitchcock, William F	1006	4	Jan. 14
Hayford, George E	1007	4	Feb. 2
Haber, Francis H	1009	4	Feb. 9
Hyde, Ira	1012	3	Mar. 14
Hoff, Benjamin	1017	2	Mar. 15
Hotaling, Isaac C	1021	6	Mar. 24
Hyde, Liberty	1022	2	Mar. 25
Hallenbeck, Charles H	1037	6	Apr. 10
Hughes, George	1042	8	Apr. 22
Hathway, Frederick	1046	14	Apr. 28
Hoffman, Edward	1055	12	May 18
Herrick, C. C	1067	3	June 1
Hammond, Gustavies A	1069	12	June 5
Haley, Daniel	1070	5	June 1
Hitchcock, James L	1075	12	June 12
Harding, Lewis E	1092	18	July 2
Hendrer, Myers	5702	8	July 17
Harvey, William	5707	15	July 21
Haber, Henry A	5710	17	July 27
Haynor, Derrick C	5712	21	July 29
Harvey, Hiram V	5714	9	July 30
Hovey, Eugene	5733	7	Aug. 21
Harding, George F	5759	17	Sept. 22
Hotaling, Charles P	5780	11	Nov. 22
Howard, William	5782	6	Nov. 29
Jones, George H	1008	14	Feb. 22
Jones, Edward W	1084	2	June 19

Pilots licensed—Albany, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Second-class pilots*—Continued.			
Jones, John C	5783	2	Dec. 3	Race, John A	1047	11	Apr. 29
Kelly, John	1024	2	Mar. 27	Reilly, Philip	1085	2	June 21
Kiernan, Andrew J	5739	3	Aug. 31	Ryan, Edward	5722	8	Aug. 8
Lezatte, Grant	1018	3	Mar. 16	Rider, Jacob M	5763	11	Oct. 2
Lawrence, Cornelius R.	1027	8	Mar. 29	Smith, William J	1062	2	Mar. 29
Lahy, Maurice	1034	15	Apr. 10	Sexton, Samuel B	1049	5	May 3
Le Bau, Moses	1072	5	June 11	Scott, James H	1056	24	May 19
Lefever, Martin H	1100	8	July 8	Scuyler, Stephen R	1060	12	May 28
Lynn, John	5774	9	Nov. 2	Spoor, Joseph L	1080	6	June 17
Le Roy, Frank	5776	3	Do.	Scott, Edward F	1093	2	July 2
McDermot, John	1002	3	Jan. 2	Smith, Godfrey	5702	2	July 14
Miller, Louis	1023	3	Mar. 26	Suffer, Lewis, jr	5742	6	Sept. 1
Morrell, Richard	1028	12	Mar. 30	Silkirk, John	5744	5	Sept. 4
Mullany, William	1033	5	Apr. 9	Scott, Charles D	5747	8	Sept. 9
McCarroll, Randall A	1036	8	Apr. 10	Schemerhorn, Isaac C	5756	4	Sept. 21
McCann, John	1050	7	May 3	Stanley, Conrad	5767	20	Oct. 14
Morse, William L	1068	12	June 4	Storen, Joseph J	5772	8	Oct. 27
Mains, Lewis	1077	1	June 14	Sheehey, John F	5786	10	Dec. 17
Miller, Hawley	5703	5	July 15	Tunnard, Fred. M	1025	2	Mar. 27
McDonald, Myron	5704	3	Do.	Tunnard, Thomas	1052	9	May 10
Morrison, Andrew J	5709	2	July 24	Terpening, James K	1061	12	May 28
Martin, Michael W	1052	10	July 26	Trie, George	5720	7	Aug. 6
Morehouse, D. S	5711	3	July 29	Taylor, Joseph B	5740	3	Sept. 1
McGarvey, David S	5715	5	Aug. 3	Ter Bush, William H	5781	10	Nov. 27
McCarroll, Austin	5724	8	Aug. 11	Van Tassel, William H.	1016	10	Mar. 13
Mullany, Thomas	5746	11	Sept. 8	Vandecar, Ashel B	1032	9	Aug. 9
McCormick, Robert	5749	19	Sept. 11	Vanderwoort, Louis	1051	6	May 7
McMahon, James A	5750	5	Sept. 13	Voight, John F	1074	18	June 11
Miller, Chauncy D	5755	16	Sept. 20	Van Woert, Albert	1098	2	July 7
Meegan, Thomas A	5764	7	Oct. 2	Van Steenburgh, Benj	5708	3	July 21
McCarthy, Thomas	5773	7	Oct. 29	Van Doren, William	5721	1	Aug. 9
Noyes, Garrett P	5707	7	July 16	Van Slyk, Charles B	5727	3	Aug. 14
Noton, Joseph F	5729	3	Aug. 18	Van Steenburgh, Peter	5784	9	Dec. 7
Nelson, Edward A	5754	9	Sept. 18	Winans, James K	1005	1	Jan. 13
Palmer, Edward J	1013	2	Mar. 6	Wells, Chester	1035	13	Apr. 10
Pickett, William J	1045	8	Apr. 26	Wagner, J. H	1039	2	Apr. 16
Pardee, William	1054	3	May 11	Wolfe, Charles	1057	9	May 21
Polk, George T	1073	10	June 11	Wells, James	1083	7	June 9
Piepenbrink, Charles	5718	12	Aug. 6	Walker, Geo. W	1091	1	June 26
Parrott, Richard	5758	11	Sept. 21	Wood, George B	1096	9	July 3
Pierce, Thomas F	5766	3	Oct. 6	Wright, Charles A	5719	4	Aug. 6
Pickett, Charles	5771	14	Oct. 27	Walsh, Jerome	5723	1	Aug. 10
Randerson, John P	1004	9	Jan. 4	Winans, Ulysses E	5725	15	Aug. 11
Rainey, De Forest	1019	1	Mar. 15	Walsh, Elijah A	5728	1	Aug. 16
Roosa, Frank	1030	6	Apr. 5	Warner, George H	5738	9	Aug. 30
Rightmyer, Peter S	1043	14	Apr. 23	Yarter, Cyrus	5748	10	Sept. 11

Joint pilots and engineers licensed during the year ended December 31, 1897—Albany, N. Y.

Appleby, George W	223	2	Aug. 7	Morey, A. W	501	5	Mar. 16
Brooks, John W	207	3	July 2	Patterson, John M	214	3	July 15
Best, Frank M	210	4	July 9	Pritchard, Edgar D	220	2	July 26
Barnum, Ashbell	217	3	July 22	Robenson, Josiah	203	3	May 22
Curley, Burt J	219	1	July 24	Savage, F. B	216	3	July 20
De Bann, John C	206	6	June 19	Shaw, Thomas	218	3	July 24
Harris, Albert	202	1	May 22	Townsend, William H	211	1	July 10
Henry, Horace H	205	1	June 3	Vanderwal, Bartel	212	6	July 12
Hempstead, William	209	7	July 9	Waldron, George E	204	3	May 26
Holloway, Isaac	224	1	Aug. 9	Wilbur, Jacob M. S	208	4	July 6
Johnston, David S	213	3	July 13	Way, Theodore B	215	4	July 16
Lawrence, Dow H	222	10	Aug. 4	Weatherby, N. L	221	7	July 30
Lane, George	225	5	Oct. 11	Watrous, E. G	226	2	Oct. 11

Engineers licensed during the year ended December 31, 1897—Albany, N. Y.

Chief engineers (ocean).				*Chief engineers (ocean)*—Continued.			
Belcher, Amherst W	9001	10	Jan. 2	Midlam, Samuel C	9090	17	June 11
Brown, William T	9008	33	Jan. 26	Mull, Alfred	11944	33	Sept. 1
Conklin, Benjamin	9003	29	Jan. 4	Parsell, David	11932	26	Aug. 12
Cook, Robert P	11982	30	Nov. 26	Stiles, John H	9054	21	May 1
Fowks, John	9086	39	June 8	Teson, Hiram G	11947	33	Sept. 1
Fowler, Charles H	1902	15	July 8	Van Schaac, Albertus	9031	27	Mar. 24

Engineers licensed—Albany, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland).			
Adams, John B	9030	30	Mar. 20
Atkins, Albert G	9041	14	Apr. 13
Aiken, Henry V	9082	15	June 4
Ambrose, Michael	11912	14	July 15
Atkins, Abram B	11924	16	July 30
Allardice, David	11944	11	Aug. 24
Atkinson, William	11986	15	Dec. 9
Brown, James	9009	6	Feb. 6
Brooks, Charles E	9026	10	Mar. 15
Becker, Charles	9028	5	Mar. 16
Bailey, Clarence	9042	8	Apr. 19
Barrett, Judson	9067	11	May 18
Bishop, Edward	9074	13	May 25
Brophy, Jeremiah	9075	15	Do.
Burke, Michael	9086	15	June 10
Benton, Walter J	11918	7	July 21
Brown, Glenville W	11920	18	July 22
Brodt, Oliver P	11930	7	Aug. 11
Blankschen, Henry F	11941	8	Aug. 20
Burlingham, John E	11952	20	Sept. 22
Burgar, Joseph A	11956	9	Sept. 25
Blanchard, George	11971	28	Oct. 25
Carman, Hiram	9006	31	Jan. 6
Craig, Charles S	9025	18	Mar. 13
Clute, James M	9034	24	Apr. 1
Cook, William	9072	19	May 22
Crump, George A	11910	15	July 12
Connelly, Arthur	11933	16	Aug. 14
Coleman, Parker	11942	15	Aug. 15
Collins, Ira H	11943	25	Aug. 23
Cook, Maynard L	11965	9	Oct. 21
Dudorie, Marcisse	9021	9	Mar. 6
De Groat, Andrew J	9029	16	Mar. 19
Derrick, Lewis W	9036	15	Apr. 8
Doherty, Robert H	9044	13	Apr. 20
Drake, John W	9056	19	May 7
Dunn, George J	9066	24	May 17
Dunn, Robert A	9073	22	May 22
Decker, Daniel C	11954	14	Sept. 23
Du Bois, George H	11974	23	Oct. 27
Ellison, Alfred L	9037	44	Apr. 19
Ellis, Charles H	9047	8	Apr. 21
Eckstine, John P	11970	22	Oct. 23
Farrell, John P	9074	16	Mar. 13
Fowler, Arthur	9069	19	May 20
Field, George	9078	15	May 26
Fowler, Douglass	11927	24	Aug. 6
France, Rowe	11935	5	Aug. 16
Field, George F	11983	12	Dec. 1
Gilligan, James	9051	16	Apr. 28
Gutchens, Geno	9070	17	May 20
Gosselin, Frank X	11946	7	Sept. 1
Green, Charles W	11979	15	Nov. 10
Gilligan, Edward F	11989	7	Dec. 17
Huyck, Edward	9002	22	Jan. 2
Haber, Frank C	9016	5	Mar. 4
Haber, John C	9032	9	Mar. 24
Huyck, Charles A	9076	28	May 26
Hotaling, Richard M	9095	18	June 16
Hinman, Frank H	11915	16	July 16
Henk, William H	11916	17	July 17
Hendrer, Myers	11917	29	Do.
Hendrer, Irving C	11923	14	July 26
Howard, John	11926	22	Aug. 4
Hayford, H. Riley	11936	23	Aug. 16
Huyck, Theodore	11948	27	Sept. 1
Harding, George F	11953	11	Sept. 22
Hartley, John	11967	10	Oct. 22
Howe, Charles W	11981	9	Nov. 26
Johnston, Hiram J	9014	11	Feb. 23
Jevens, Theodore V	9046	15	Apr. 21
Kieffer, Myron	11911	23	July 12
Karker, H. Harrison	11914	17	July 16
Kenney, Edward J	11966	10	Oct. 21
Lambert, Valentine	9027	16	Mar. 15
Lezatte, Nelson	9035	7	Apr. 7
Lezatte, Charles B	9058	19	May 8
Leonard, Martin	9088	13	June 10
Langin, George B	9093	9	June 15
Le Bau, Adolphus S	11901	1	June 26
Chief engineers (inland)—Continued.			
Little, Thomas C	11097	26	July 2
Le Fever, Vinal	11922	6	July 22
Lawson, Edward B	1976	4	Oct. 29
McAvoy, William H	9012	17	Feb. 16
Mullahey, Thomas	9011	4	Feb. 10
Mulder, Everett	9050	7	Apr. 26
Mays, Henry C	9060	26	May 11
Mull, Nelson	9064	19	May 15
Mattie, Victor	9068	21	May 19
McKinney, Benjamin F	9077	17	May 26
Miles, James	9091	13	June 12
Mull, Edward	11903	20	July 2
Myers, William	11908	6	July 12
Mathews, Albert A	11928	15	Aug. 10
Meeker, Edward B	11939	19	Aug. 19
Murphy, Joseph	11949	6	Sept. 8
Midlam, W. L	11959	9	Oct. 7
Mackey, Abram	11962	29	Oct. 8
Metcalf, Horace T	11963	31	Oct. 11
March, Vincent	11975	16	Oct. 28
McCabe, Charles	11978	14	Nov. 8
Norris, William R	11958	26	Oct. 4
Parsell, Sylvanus	9017	11	Mar. 4
Perry, Alonzo	9023	10	Mar. 13
Pratt, William W	9038	20	Apr. 10
Patterson, Eleazer A	9043	25	Apr. 20
Perry, Levi	9045	10	Do.
Plant, Louis	9048	16	Apr. 22
Person, Harrison	9057	19	May 8
Philips, William	9060	28	May 11
Peters, Edward	9071	20	May 20
Philips, Harry	9092	14	June 14
Pratt, William H	11906	11	July 12
Purdy, James E	11925	16	July 30
Proper, Arthur	11940	9	Aug. 20
Prendergast, Patrick S.	11955	5	Sept. 24
Perlee, Herbert L	11961	5	Oct. 8
Priest, James	11977	12	Nov. 6
Purdy, Nathan C	11985	26	Dec. 1
Pope, William F	11988	20	Dec. 14
Randerson, John P	9004	19	Jan. 4
Rightmyer, Julius C	9015	15	Mar. 3
Ryan, Jeremiah	9063	15	May 14
Riel, Henry	9097	23	June 19
Ruoff, Ferdenand	11907	7	July 9
Rynders, Isaiah	11909	17	July 12
Smith, Louis	9007	4	Jan. 23
Speckerman, John	9013	23	Feb. 20
Slattery, John J	9020	7	Mar. 6
Saulsbury, Albion V	9022	11	Mar. 11
Snyder, George H	9010	10	Feb. 10
Smith, George J	9033	9	Mar. 30
Seward, John N	9039	25	Apr. 10
Spencer, Willard	9065	19	May 17
Smith, Sylvester	9084	21	June 1
Sharkey, Martin J	9085	12	June 7
Smith, Benjamin	9064	16	June 16
Snyder, William W	9100	7	June 26
Sheldon, Allen C	11904	17	July 2
Slater, Zacheus M	11921	9	July 22
Sticklers, Millon	11937	20	Aug. 17
Shufelt, John	11938	17	Do.
Smith, Lucius D	11950	25	Sept. 9
Spoor, Martin	11973	29	Oct. 26
Smith, Eli	11980	26	Nov. 12
Thompson, David D	9005	7	Jan. 5
Turner, Robert S	9062	15	May 12
Taylor, Henry O	9097	9	June 1
Traver, William H	9083	20	June 5
Tuthill, Frank M	9096	15	June 17
Tigh, Patrick	11931	27	Aug. 12
Title, Daniel J	11934	16	Aug. 14
Teeling, William J	11951	22	Sept. 21
Traver, Ephraim	11968	24	Oct. 22
Ten Eyck, Barent A	11969	28	Oct. 23
Traver, George H	11984	34	Dec. 1
Van Loan, Edwin M	9040	16	Apr. 12
Van Loan, Jacob H	9052	19	Apr. 28
Van Denburgh, Peter R	9055	7	May 4
Van Steenburg, Edjar	9059	16	May 10

Engineers licensed—Albany, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Van Hoosen, William H	9080	12	June 2
Van Vleet, Charles	11946	19	Aug. 26
Van Dusen, William R.	11957	33	Sept. 30
Van Zan, Orivill J	11964	7	Oct. 13
Van Holten, Gillis	11972	3	Oct. 25
Van Guysling, Walter F	11987	8	Dec. 9
Winans, James K	9018	26	Mar. 6
Waddington, John K	9049	13	Apr. 24
Wheeler, Edward	9053	9	Apr. 29
Wilson, Elijah	9087	23	June 10
Ward, Lewis J	9098	11	June 22
Wilson, James	9099	9	Do.
Wells, Leonard	11913	25	July 16
Woolsey, Lawrence	11919	17	July 17
Winans, Ulysses E	11920	17	Aug. 11
Welch, Warren	11960	26	Oct. 7
Zrisland, Henry	9019	3	Mar. 6
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Acker, Theodore	1735	12	Mar. 6
Atkins, A. B. H	1743	8	Mar. 13
Austin, Edwin	1789	2	Apr. 23
Atkins, Frank	1804	8	May 14
Atkins, William H	1810	4	May 19
Arnold, John	1873	16	July 15
Aliton, Joseph C	1893	7	Aug. 5
Atkins, Peter R	1914	2	Aug. 18
Branigan, Malvern H	1752	9	Mar. 19
Britton, Tracy	1766	18	Apr. 1
Bernard, James	1778	20	Apr. 14
Bilyon, William A	1785	4	Apr. 19
Baptise, Benjamin F	1798	7	May 5
Bartlett, John S	1832	15	June 7
Boss, George, jr	1840	19	June 16
Billings, William T	1842	2	Do.
Brazier, Park	1872	17	July 14
Boss, Ernest V	1899	10	Aug. 10
Beach, Lorenzo B	1905	24	Aug. 13
Booth, William F	1938	10	Sept. 16
Balzer, Frederick	1944	13	Sept. 25
Burns, Edward J	1969	22	Nov. 24
Bailey, Edjar	1971	2	Nov. 27
Carney, Frank E	1704	10	Jan. 4
Carlin, John	1722	17	Feb. 15
Chamberlain, Wm. T	1734	14	Mar. 6
Cornwell, Irving L	1755	9	Feb. 23
Chamberlain, Foster C.	1769	3	Apr. 6
Claflin, William C	1771	4	Do.
Carey, Michael F	1788	12	Apr. 23
Caples, Thomas	1791	9	Apr. 27
Crosby, John	1800	1	May 7
Cahill, George T	1831	2	June 7
Clark, George W	1834	15	June 10
Crippen, Thomas B	1841	13	June 16
Cooley, W. Willard	1844	10	June 17
Conway, William J	1868	14	July 12
Carman, Charles	1933	14	Sept. 18
Corey, George F	1943	18	Sept. 23
Claflin, Sprague	1964	20	Nov. 13
Curtin, Jeremiah	1967	2	Nov. 18
Du Bois, Delavan	1723	8	Feb. 17
Dietz, Peter	1751	9	Mar. 17
Dailey, John	1767	2	April 1
Drake, Frank V	1910	1	Aug. 14
Du Bois, Charles E	1950	21	Oct. 16
Egleston, Fred. L	1836	3	June 11
Egner, George A	1875	15	July 17
Early, Timothy	1884	16	July 23
Early, Charles	1925	18	Aug. 27
Flanery, Michael J	1757	13	Mar. 25
Farrell, William E	1782	4	Apr. 17
Field, Burr D	1806	10	May 15
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
France, Foster	1811	2	May 19
Fogarty, Thomas E	1830	18	June 17
Gage, William D	1779	14	Apr. 14
Godfrey, Daniel E	1796	4	May 3
Glenning, William J	1801	1	May 8
Goarck, Charles	1850	16	June 23
Grant, William E	1853	9	June 24
Goodwin, James	1863	9	July 6
Gates, Henry L	1934	9	Sept. 8
Grady, James G	1959	9	Oct. 30
Hitchcock, George W	1726	13	Feb. 19
Harrington, Lemuel	1728	5	Feb. 20
Hughes, Charles	1744	15	Mar. 13
Hoffman, Eugene	1765	23	Apr. 1
Hoffman, William	1794	9	May 3
Hulsaple, Charles B	1815	7	May 21
Hurley, Edward J	1849	6	June 23
Haber, Francis H	1851	6	June 24
Harding, Emmett	1857	9	July 2
Hayes, James	1898	11	Aug. 9
Henderson, William	1904	13	Aug. 12
Hallenbeck, Ezra B	1931	12	Sept. 4
Holley, Sidney	1962	4	Nov. 5
Johnson, George A	1703	37	Jan. 4
Jones, George H	1716	19	Feb. 2
Jordan, John	1740	8	Mar. 10
Johnson, George L	1792	11	May 1
John, David	1859	7	June 15
Jones, Theodore	1878	9	July 21
Jacobs, Aron	1900	6	Aug. 10
Kellogg, Charles	1846	1	June 22
Kelly, John	1876	6	July 21
Kerns, John	1879	15	July 22
Keator, Charles W	1890	12	Aug. 2
Killenbeck, Charles R	1922	9	Aug. 26
Krum, Lewis Y	1947	1	Oct. 1
Kennicutt, James W	1961	12	Nov. 4
Keller, Frank J	1970	17	Nov. 26
Leonard, William A	1705	2	Jan. 4
Leddy, William	1724	9	Feb. 17
Leddy, John	1729	6	Feb. 25
Labarge, Joseph	1816	16	May 21
Lansing, Frank	1877	8	July 21
Lampman, Henry	1915	10	Aug. 20
Le Roy, Henry	1948	11	Oct. 15
Miller, Robert	1733	2	Mar. 3
Melius, Samuel G	1742	8	Mar. 11
Morrisy, James P	1746	6	Mar. 15
McCarroll, John J	1764	20	Mar. 30
McChesney, William M	1774	23	Apr. 10
Meally, Elsworth B	1799	14	May 6
May, James H	1801	18	May 18
Mowers, William	1028	15	June 5
Mosley, Robert A	1865	9	July 8
Morey, George W	1849	19	Aug. 5
McDermott, John J	1927	4	Aug. 28
McMahon, Michael	1960	14	Nov. 2
Nash, Henry I	1711	6	Jan. 16
Ostram, William	1821	22	May 28
O'Connor, John	1822	19	Do.
Outtrin, Frank E	1885	8	July 30
Perkins, Ira	1775	8	Apr. 12
Polk, Hiram L	1823	11	May 28
Pardee, Peter I	1825	10	Do.
Passino, Henry	1847	15	June 22
Peck, John L	1869	6	July 23
Piepenbrink, Charles	1897	12	Aug. 6
Pardee, John	1921	18	Aug. 25
Rickard, Frank	1754	2	May 20
Reynolds, James S	1777	3	Apr. 14
Ryan, Samuel J	1833	2	June 8
Ray, John H	1891	17	Aug. 3
Rivers, Levi	1919	26	Aug. 24
Roduan, Dean	1992	20	Dec. 1
Sheehan, William H	1721	2	Feb. 15
Stammel, Henry R	1727	10	Feb. 20

Engineers licensed—Albany, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Sickles, John W	1731	18	Mar. 3
Smith, Fred	1759	11	Mar. 26
Silvernail, George W	1760	15	Mar. 27
Stiles, Rivington A	1776	17	Apr. 13
Stratton, Charles D	1784	8	Apr. 19
Stiles, Willis E	1786	6	Apr. 20
Spickerman, Fred H	1293	8	May 3
Smith, Robert H	1805	13	May 14
Smith, Gilbert	1812	10	May 20
Staats, Philip J	1843	24	June 17
Seabridge, Orrie H	1852	4	June 24
Smith, John E	1887	16	Aug. 2
Scott, Melvin C	1892	10	Aug. 3
Sherman, John R	1926	15	Aug. 27
Suffer, Lewis, jr	1930	9	Sept. 1
Shufelt, William J	1932	14	Sept. 7
Savis, J. Ely	1954	9	Oct. 23
Taylor, Andrew M	1827	12	June 3
Tozoni, John	1859	13	July 3
Terpening, Jacob M	1880	16	July 24
Turck, Erastus	1895	6	Aug. 5
Tempany, James	1913	13	Aug. 17
Tittle, Charles B	1916	14	Aug. 20
Tinslar, Frederick L	1920	12	Aug. 24
Tazone, Joseph	1937	16	Sept. 15
Thompson, Granville	1956	5	Oct. 27
Voght, George F	1717	10	Feb. 9
Vielie, Charles E	1730	11	Feb. 26
Vosburgh, Winfield S	1738	9	Mar. 10
Vandecar, John E	1770	9	Apr. 6
Vanloan, Henry J	1787	3	Apr. 20
Van Vranken, Fred S	1795	6	May 3
Vandecar, Leonard	1819	17	May 24
Voight, Leonard	1835	13	June 11
Van Heusen, George	1860	13	July 3
Van Heusen, John W	1909	15	Aug. 14
Vandervoort, Lewis	1924	10	Aug. 26
Van Norden, Charles E	1968	14	Nov. 19
Watson, Joseph P	1741	10	Mar. 11
Wolfe, Warren H	1818	14	May 24
Ward, Sherman M	1848	9	June 22
Ward, Thomas	1858	21	July 2
Wheat, E. Grant	1883	3	Do.
Westfall, Isaac	1923	18	Aug. 26
Younger, William	1802	5	May 11
Ziegler, Frank	1903	9	Do.
First assistant engineers (inland).			
Alliger, Edwin	1762	1	Mar. 27
Allardice, Jeremiah	1929	7	Sept. 1
Booth, James L	1715	2	Feb. 2
Branigan, Walter	1748	9	Mar. 16
Boyd, Douglas	1783	3	Apr. 19
Botroff, Joseph	1813	12	May 20
Beaty, William H	1864	8	July 8
Biergor, John	1866	6	July 9
Bush, Ira D	1886	4	July 31
Bronk, Martin C	1946	5	Oct. 2
Crandall, William E	1718	1	Feb. 10
Carmody, James	1768	7	Apr. 2
Doyle, Walter Francis	1714	1	Jan. 26
Du Bois, Nathaniel	1797	13	Mar. 5
Decker, Frank	1820	5	May 26
Decker, Lewis F	1837	10	June 12
Dick, Duncan	1845	23	June 18
Dunn, Nathan H	1889	3	Aug. 2
Dawson, Eldoress	1902	14	Aug. 11
Darragh, John	1908	15	Aug. 14
Eidman, John P	1853	13	Oct. 21
Fairbanks, Henry	1854	4	June 26
Gray, Egbert S	1773	12	Apr. 9
Gardiner, Daniel C	1829	6	June 17
Gutcheus, George	1935	10	Sept. 11
Gennett, Victor	1952	16	Oct. 21
First assistant engineers (inland)—Cont'd.			
Heusberger, Jacob	1702	10	Jan. 4
Hayford, Robert A	1708	3	Jan. 5
Howard, William	1826	3	June 2
Hamel, George	1906	7	Aug. 13
Hockridge, John A	1912	8	Aug. 17
Harrigan, Cornelius H	1918	6	Aug. 23
Hitchcock, Forbes	1936	7	Sept. 11
Huyck, Charles A	1939	3	Sept. 16
Herzog, John	1974	4	Dec. 14
Herrick, Smith	1976	4	Dec. 17
Jackson, Jefferson	1753	9	Mar. 19
Jones, Jacob	1855	3	July 2
Jefferson, John	1800	8	Aug. 14
Kelly, William S	1719	8	Feb. 10
Kerns, Thomas	1725	7	Feb. 19
Kingfield, George J	1732	6	Mar. 3
Kinnicut, Charles	1756	4	Mar. 23
Kenny, John J	1761	3	Mar. 27
Kraus, Valentine	1803	7	May 13
Ketterson, Andrew	1858	3	June 12
Krum, Romey	1951	3	Oct. 21
Lowe, Giles H	1706	8	Jan. 4
Lane, John H	1862	7	July 6
Moose, Martin	1701	12	Jan. 2
McArdle, Joseph	1712	3	Jan. 22
Murphy, John J	1745	4	Mar. 13
Mulder, Derke	1781	9	Apr. 16
March, William	1814	11	May 20
Miller, William	1888	8	Aug. 2
Metcaff, Joseph	1940	19	Sept. 17
McCabe, Eddie	1965	2	Nov. 16
Metcalf, Nathan F	1975	3	Dec. 13
Norton, James	1739	3	Mar. 10
Needham, Patrick	1958	2	Oct. 29
Oterhoudt, John B	1780	1	Apr. 15
Priest, Edward	1801	6	May 19
Pough, James D	1881	17	July 26
Reeves, John	1917	4	Aug. 23
Relyea, Theodore F	1941	18	Sept. 18
Requa Fred. A	1945	13	Sept. 25
Stone, Elmer	1709	2	Jan. 5
Schoonmaker, Egbert D	1713	1	Jan. 23
Steen, Nelson	1736	7	Mar. 6
Schlosser, Christian	1737	4	Mar. 10
Steen, Jonas	1747	9	Mar. 15
Scouten, Samuel	1749	9	Mar. 17
Saterlee, Lee	1750	3	Do.
Spoor, Isaac N	1758	16	Mar. 25
Saulsbury, Daniel	1772	25	Apr. 8
Steen, William D	1817	9	May 22
Stilan, George E	1856	9	July 2
Slevenson, Robert	1861	6	July 3
Schultz, William W	1867	14	July 9
Shultz, John	1870	14	July 12
Schomp, George	1871	12	July 13
Stingline, Frank M	1911	14	Aug. 16
Sillman, John W	1949	15	Oct. 15
Tremper, William	1710	2	Jan. 8
Tartiss, Charles O	1720	2	Feb. 12
Tunnard, William L	1763	1	Mar. 30
Van Valkenburgh, Wm	1707	16	Jan. 4
Van Loan, William J	1790	1	Apr. 24
Van Loan, Charles W	1824	7	May 28
Van Tassel, Burns	1874	6	July 15
Van Wormer, Charles	1901	18	Aug. 11
Van Wort, Frederick	1955	3	Oct. 26
Westfield, Charles N	1807	6	May 17
Walker, Charles	1896	3	Aug. 6
Wheaton, Ruben B	1942	7	Sept. 21
Waddington, Edward T	1957	3	Oct. 27
Wilkes, John	1963	18	Nov. 12
Whitaker, Peter	1916	9	Nov. 17
Waddington, Ulysses S	1973	6	Dec. 1
Young, Samuel S	1928	9	Aug. 31
Ziegler, William	1882	4	July 17

Engineers licensed—Albany, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special engineers.				*Special Engineers*—Continued.			
Bitley, Edward A	404	3	Apr. 3	Hammond, M. A	412	5	July 13
Brown, Harry L	415	1	July 20	Lane, W. J	409	5	July 8
Beach, George L	423	1	Aug. 6	Link, George F	419	1	Aug. 3
Briggs, John N	428	15	Aug. 21	Lent, Abram C	452	6	Oct. 25
Collins, Lincoln E	403	3	May 4	Merrick, Seymore L	405	1	Apr. 17
Chubb, Charles	414	4	July 15	Nemiah, Henry	433	7	Oct. 29
Collins, S. J	424	1	Aug. 9	O'Hanlon, Michael	403	8	Mar. 25
Cole, Thomas H	431	7	Sept. 17	Smith, Godfrey W	413	4	July 14
Daigneal, Fred	402	1	Mar. 4	Tinney, Charles E	420	7	Aug. 4
Dailey, James	410	2	July 10	Tittle, Albert M	430	1	Aug. 28
Du Bois, Robert H	435	7	Nov. 18	Weber, Jacob	401	2	Feb. 8
Elting, William V	411	2	July 12	Wright, Allen	418	1	Aug. 3
Elting, Robert	416	4	July 22	Wright, Charles A	422	1	Aug. 6
Ferdon, Charles H	412	13	Aug. 6	Williams, Howard	425	1	Aug. 9
Farnham, Lewis	434	3	Nov. 15	Walsh, Jerome	426	1	Aug. 10
Grant, Charles Milton	429	3	Aug. 27	Walsh, Elijah	427	1	Aug. 16
Hollis, William A	407	3	June 14	Ziriax, Louis	417	3	Aug. 2
Haines, Charles	408	12	June 18				

LOCAL DISTRICT OF BOSTON, MASS.

Masters licensed during the year ended December 31, 1897—Boston, Mass.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Appleby, Henry O	11630	3	Aug. 27	Hale, Lewis R	11698	7	Nov. 1
Allen, Geo. F	11684	3	Oct. 16	Kelley, Geo. W	11691	14	Oct. 26
Barr, Charles	2778	3	Mar. 15	McGrath, John W	11690	3	Do.
Bennett, John H	11660	7	Sept. 27	Richards, Alexander	2764	4	Mar. 3
Beadle, William	11706	7	Nov. 11	Rathbun, Edwin	2849	2	May 1
Clark, Henry E	2834	13	Apr. 21	Stone, Charles A	2781	3	Mar. 16
Craig, James F	11612	1	Aug. 14	Spear, Charles	2791	12	Mar. 23
Clare, Charles W	11724	8	Dec. 11	Small, John W	11619	1	Aug. 19
Dudley, Daniel W	2842	6	Apr. 27	Weschky, Charles	2894	6	June 3
Entwisle, J. Clifford	2772	5	Mar. 11	Williams, Geo. V	2978	1	July 19
Garland, Geo. F	2882	11	May 27				

Masters and pilots licensed during the year ended December 31, 1897—Boston, Mass.

Anglin, John E	2728	7	Jan. 22	Boggs, Edwin P	2963	10	July 13
Allan, William H	2734	23	Feb. 1	Barker, Charles W	2982	8	July 20
Arey, Howard H	2886	12	May 28	Beed, William	2992	15	July 28
Anderson, William	2926	14	June 16	Buckley, Timothy	2993	11	Do.
Allen, Jairus H	2937	7	June 22	Baxter, Amos E	11606	5	Aug. 9
Alley, William H	2967	12	July 16	Buckminster, Jos. K	11626	5	Aug. 26
Atkins, Edward	2990	12	July 26	Bearse, Fernando F	11636	3	Sept. 3
Anderson, Charles R	11722	17	Dec. 8	Briggs, William E	11642	7	Sept. 16
Bartlett, Nelson S	2712	3	Jan. 11	Beers, Stephen H	11654	12	Sept. 23
Bearse, Francis B	2733	23	Jan. 30	Beal, William	11663	28	Sept. 29
Baker, Charles E	2765	10	Mar. 3	Binden, Eugene	11677	5	Oct. 7
Burt, John	2769	1	Mar. 6	Bartlett, Joseph W	11699	4	Nov. 1
Bowden, Oliver	2779	24	Mar. 15	Bergstrom, Oscar F	11703	8	Nov. 6
Bussey, George	2792	23	Mar. 23	Bartlett, Charles R	11714	4	Nov. 20
Bailey, William B	2804	14	Apr. 2	Barber, Irving G	11717	5	Nov. 26
Bragdon, Byron F	2837	12	Apr. 22	Bacon, William H	11718	17	Nov. 29
Blake, William G	2838	10	Apr. 24	Bearse, Maynard	11725	25	Dec. 15
Brown, George F	2859	25	May 10	Coleman, James E	2716	11	Jan. 15
Bennett, James W	2866	11	May 17	Canning, William	2720	8	Jan. 18
Brightman, Geo. W	2869	18	Do.	Chase, Coleman	2731	9	Jan. 25
Brown, James H	2879	21	May 26	Colby, Joseph W	2732	9	Jan. 27
Brown, Theodore P	2881	8	May 27	Collins, Daniel J	2738	15	Feb. 4
Baker, Joseph G	2891	9	June 1	Collison, Louis E	2742	6	Feb. 10
Benjamin, Frank D	2893	9	June 2	Crosby, William	2750	5	Feb. 16
Burnham, Nathaniel	2896	22	June 5	Collins, Alvin W	2753	25	Feb. 20
Bartlett, William S	2918	6	June 14	Converse, Harry E	2755	5	Feb. 24
Bearse, Benjamin N	2931	11	June 19	Cummings, George	2825	19	Apr. 16
Brown, Samuel B	2933	21	June 21	Covell, Samuel F	2826	5	Do.
Baker, William J	2951	32	July 6	Churchill, William H	2829	24	Apr. 17

Masters and pilots licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Cook, Harvey S	2830	9	Apr. 20
Cleaves, Eli O	2836	13	Apr. 22
Crowell, John L	2855	2	May 5
Cann, Joseph B	2873	19	May 21
Collins, Shubael T	2902	25	June 8
Clark, James F	2907	20	June 10
Crocker, Charles H	2911	22	June 11
Curtis, Ezra W	2916	22	June 14
Claghorn, William B	2942	10	June 28
Collins, Jason	2946	27	Do.
Coffin, George F	2955	8	July 8
Cook, Fred. D	2970	9	July 17
Cates, Francis C	2971	19	Do.
Corkum, Alexander	2975	9	July 19
Clark, George F	2983	14	July 21
Card, Theodore H	2987	17	July 24
Chase, Reuben R	2998	15	Aug. 2
Craig, William J	11609	17	Aug. 10
Crosby, William M	11614	16	Aug. 14
Chase, Jonathan	11623	21	Aug. 24
Cates, Samuel A	11633	22	Aug. 28
Clark, William R	11662	16	Sept. 28
Cates, Edwin W. E	11664	25	Sept. 29
Crowell, Luther B	11695	11	Oct. 30
Carr, John	11713	9	Nov. 19
Cook, John A	11728	5	Dec. 20
Crooker, Amos B	11731	20	Dec. 29
Clifford, Everett	11726	9	Dec. 17
Dolan, Charles H	2710	16	Jan. 9
Degen, John A	2749	15	Feb. 16
Daisley, Thomas W	2761	8	Mar. 1
Dill, Alvin S	2762	12	Do.
Davis, Charles E	2785	17	Mar. 19
Doane, Henry K	2786	25	Do.
Donohue, William	2806	11	Apr. 3
Diggo, John H	2808	14	Apr. 6
Devereux, Charles W	2814	5	Apr. 10
Dalby, Henry C., jr	2815	9	Do.
Dorman, Charles C	2839	5	Apr. 24
Delory, Benjamin J	2863	3	May 15
Day, Phillip G	2877	14	May 25
Davis, Freeman H	2887	5	May 29
Doane, Nathaniel P	2914	25	June 12
Dyer, Herbert S	2913	14	Do.
Doane, Edwin R	2923	22	June 16
Davidson, Elkanah W	2929	25	June 18
Dolliver, Samuel F	2948	7	June 30
Davis, Clemens E	2973	19	July 17
Daggett, Silas	2974	14	Do.
Daggett, Grafton L	2991	25	July 27
Doane, Adelbert F	11604	25	Aug. 7
Driscoll, Michael J	11607	15	Aug. 9
Doane, Lewis B	11620	13	Aug. 19
Drinkwater, James J	11621	14	Aug. 23
Duncan, Henry W	11627	9	Aug. 16
Durkee, William S	11641	15	Sept. 14
Dixon, Charles H	11689	11	Oct. 26
Doane, Walter S	11694	22	Oct. 30
Eldridge, Clarence F	2770	19	Mar. 8
Eldridge, Joshua E	2805	6	Apr. 2
Emerson, Charles H	2807	14	Apr. 5
Elwell, James O	2809	20	Apr. 6
Eaton, Geo. W	2812	6	Apr. 9
Elwell, Robert W	2847	9	Apr. 29
Edwards, George	2958	11	July 12
Evans, Thomas E	11709	10	Nov. 16
Foed, Peter A	2701	6	Jan. 6
Foster, Frank	2705	8	Do.
Frisbee, Howard	2709	11	Jan. 7
Failing, Walstein A	2737	8	Feb. 3
Francis, John M	2747	20	Feb. 15
Foist, William F	2787	11	Mar. 20
Fuller, Horace F	2803	10	Apr. 1
Ferrin, Eaton E	2820	8	Apr. 14
Farnham, Harry W	2850	10	May 1
Full, John M. P	2854	3	May 4
Flynn, William J	2870	23	May 19
Flanagan, William D	2900	5	June 7
Fossett, Thomas N	2959	17	July 12
Foss, John O	2994	5	July 28
Fernald, Robert A	11687	19	Oct. 20
Glover, William F	2713	10	Jan. 13
Godfrey, Henry M	2717	13	Jan. 16
Gray, Jerome K	2776	10	Mar. 13
Garlick, Henry E	2789	6	Mar. 22
Geyer, Scott	2816	10	Apr. 12
Gott, J. Francis	2821	6	Apr. 14
Galiano, Joseph F	2952	11	July 7
Greenland, Charles	2980	8	July 20
Googins, William H	2995	16	July 29
Goodwin, William A	11601	3	Aug. 4
Gray, John	11608	24	Aug. 10
Galiano, Alfred A	11613	11	Aug. 14
Gevalt, Fred. J	11647	8	Sept. 18
Gray, Isaac G	11667	8	Oct. 1
Goodman, Archibald P.	11670	1	Oct. 2
Guilmet, Felix	11671	8	Oct. 4
Gannon, Thomas	11674	24	Oct. 5
Gettings, Frank M	11676	15	Oct. 7
Garlick, Thomas W	11697	12	Nov. 1
Hallett, John M	66601	25	Jan. 4
Haskell, Albert L	2702	11	Jan. 6
Hallett, Horace K	2703	21	Do.
Hill, James W	2707	5	Do.
Henshaw, Herbert A	2718	1	Jan. 16
Harding, Robert K	2724	12	Jan. 21
Hall, John	2727	4	Jan. 22
Hawes, Benjamin H	2758	14	Feb. 25
Haley, Asa	2790	10	Mar. 23
Ham, Geo. A	2797	16	Mar. 29
Harding, Arthur E	2813	10	Apr. 9
Hayden, Edmund S	2819	21	Apr. 13
Healey, Oscar D	2840	26	Apr. 26
Haley, William H	2856	8	May 6
Haines, Francis	2858	11	Do.
Haskell, Willis H	2864	13	May 15
Harding, Frank H	2868	3	May 17
Henderson, William T.	2875	12	May 25
Hawes, Thomas E	2878	11	May 26
Howes, Norman	2884	19	May 28
Hopkins, John W	2947	7	May 29
Hersey, Augustus L	2954	9	July 8
Harding, Clarence F	2956	9	July 9
Howard, Abiel A	2984	8	July 23
Haverty, James	2988	18	July 26
Healey, Bentley F	11629	15	Aug. 26
Howes, James T	11638	8	Sept. 10
Hawes, Albert N	11669	13	Oct. 2
Hatch, William W	11673	5	Oct. 5
Howes, Joseph M	11683	4	Oct. 16
Humphrey, Isaac O	11693	15	Oct. 28
Hammond, John W	11716	10	Nov. 24
Hatch, Francis P	11729	11	Dec. 21
Ingraham, Otis	2783	19	Mar. 17
Ingersoll, Joseph B	2930	21	June 19
Ivester, John I	3000	16	Aug. 4
Jacobson, John P	2722	17	Jan. 19
Johnson, Francis	2793	17	Mar. 25
James, Peter M	2801	1	Apr. 1
James, Samuel, 2d	2827	7	Apr. 17
James, Osceola F	2890	7	June 1
Johnson, William A	11611	12	Aug. 12
Joy, Francis P	11640	26	Sept. 14
Jackson, Morris H	11686	18	Oct. 20
Joyce, Harrison B	11705	6	Nov. 10
James, Joshua A	11715	10	Nov. 23
Kenney, John H	2811	16	Apr. 9
Kemp, William H	2845	9	Apr. 28
Knight, Geo. F	2904	5	June 9
Kendrick, Henry D	2934	7	June 21
Kidder, Charles H	2945	11	June 26
Kelsey, Franklin F	2949	11	July 1
Kierstead, William H	2997	11	Aug. 2
King, Harry	11645	16	Sept. 17
Knowles, Charles H	11651	6	Sept. 22
Knowles, William L	11666	10	Oct. 1
Kelley, Alonzo M	11702	11	Nov. 2
Kelley, Isaiah	11710	4	Nov. 16
Kendrick, Nathaniel E.	11711	10	Nov. 17
Kelley, Isaiah S	11720	12	Dec. 3
Kelley, John N	11723	3	Dec. 11
Knowlton, William D	11727	2	Dec. 18

Masters and pilots licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Lewis, Joseph M	2744	8	Feb. 11
Lewis, Josiah K	2751	10	Feb. 18
Lewis, Benjamin W	2759	8	Feb. 25
Luther, Geo. W	2788	9	Mar. 20
Lee, Jonathan C	2822	9	Apr. 15
Lynch, Michael T	2824	8	Apr. 16
Lambert, Enos G	2844	11	Apr. 28
Ludlow, Onslow	2898	15	June 5
Lundgren, Alfred	2901	23	June 8
Lindsey, Fred C	2961	5	July 13
Lydstone, Frederick H.	2981	12	July 20
Litchfield, Frank W	2986	13	July 24
Leonard, Geo. W	11603	24	Aug. 5
Low, Charles W	11605	16	Aug. 9
Leonard, Francis H	11644	25	Sept. 17
Litchfield, Henry H	11656	12	Sept. 23
Lovering, Edgar P	11704	8	Nov. 6
Lowell, John S	11707	9	Nov. 12
McIntosh, Roderick	2714	5	Jan. 13
McClintock, E. C	2735	17	Feb. 2
Mooney, James	2740	23	Feb. 5
Matheson, William K	2746	4	Feb. 15
Melvin, Eleazer S	2748	14	Do.
McCully, James J	2757	10	Feb. 24
Moody, Charles F	2768	16	Mar. 6
Marr, Frank H	2798	8	Mar. 31
Morgan, Edwin D	2831	6	Apr. 20
Mitchell, Alonzo L	2843	7	Apr. 28
Mabury, William H	2853	22	May 3
McQuesten, Frank B	2876	8	May 25
Merritt, Daniel C	2880	1	May 26
Morrill, Joseph L	2889	7	June 1
Maloney, Alexander	2910	17	June 11
Morse, John W	2921	8	June 16
McKee, John H	2938	10	June 22
Millin, William E	2953	25	July 8
McGrath, Wilbur E	2957	16	July 9
Morrison, George	2966	11	July 16
Magee, John, jr	2968	13	Do.
McDonald, James	11617	5	Aug. 19
Morrill, Geo. H	11625	12	Aug. 25
Morrill, Peter	11635	13	Sept. 1
McKinnon, John P	11646	7	Sept. 18
Morrill, John A	11648	20	Sept. 20
Maloney, William H	11655	9	Sept. 23
Moulton, Fred. L	11665	8	Oct. 1
Mereen, Ithamer E	11668	16	Oct. 2
Means, Geo. F	11680	16	Oct. 11
Megathlin, Josiah P	11682	9	Oct. 14
Morrison, Charles H	11692	5	Oct. 26
Nickerson, Isaiah	2766	24	Mar. 6
Nickerson, Theodore	2780	12	Mar. 16
Nickerson, Geo. W	2800	13	Apr. 1
Nickerson, Joshua S	2817	13	Apr. 12
Nutter, Geo. E	2862	14	May 14
Nichols, Albert F	2888	8	May 29
Nickerson, William H	2965	3	July 14
Nye, William E	2979	8	July 20
Neilson, N. Peter	11615	16	Aug. 16
Nickerson, Oscar C	11658	5	Sept. 24
Nugent, John	11681	25	Oct. 13
Newcomb, Hezekiah	11730	7	Dec. 22
Olson, Charles O	2730	3	Jan. 23
Osborn, Charles B	2745	7	Feb. 13
O'Brien, Michael J	2756	10	Feb. 24
Odiorne, Levi L	2782	19	Mar. 17
Olson, Charles O	2903	9	June 9
Oliver, Geo. W	2906	19	June 10
Ober, Albert	2964	17	July 14
Ornellas, Geo. W	11610	8	Aug. 11
Palmer, Julius A	2723	4	Jan. 19
Pierce, Geo. O	2726	11	Jan. 22
Pittee, Albert F	2760	7	Feb. 26
Peak, John A	2763	9	Mar. 2
Paine, Atkins	2784	8	Mar. 18
Proctor, William B	2818	3	Apr. 13
Paine, Edward E	2861	6	May 12
Pruett, John H	2874	9	May 22
Parker, William	2885	11	May 28
Proctor, William H	2917	9	June 14
Perry, William B	2924	4	June 16
Pierce, Marcus W	2944	17	June 26
Putnam, Charles H	2972	9	July 17
Pitcher, Joseph W	2976	12	July 19
Perkins, Charles L	2985	7	July 24
Pilchard, William	11624	11	Aug. 25
Peterson, Christian	11639	6	Sept. 10
Pierce, Edward A	11650	19	Sept. 22
Park, Joseph H	11688	1	Oct. 20
Phillips, John W	11721	15	Dec. 4
Quinn, William E	2935	9	June 21
Ricketson, Elias M	2706	8	Jan. 6
Ryan, Nicholas J	2715	4	Jan. 14
Rubelli, Rudolph	2719	8	Jan. 16
Rogers, Nathan F	2739	7	Feb. 5
Rood, Ezra C	2754	6	Feb. 23
Randall, William M	2771	9	Mar. 10
Rathbun, Walter L	2777	17	Mar. 15
Rand, Leonard L	2810	6	Apr. 6
Ross, William A	2823	5	Apr. 15
Riley, Joseph C	2846	15	Apr. 29
Richardson, John B	2857	1	May 9
Ranlett, Geo. T	2867	23	May 17
Rich, Caleb L	2883	5	May 27
Rich, Albert W	2908	16	June 10
Rand, Albert	2919	25	June 15
Rathbun, Alexander J.	2920	10	Do.
Ross, John C	2939	10	June 22
Robinson, Frank S	2941	2	June 24
Robinson, Russell D	2977	12	July 19
Ritchie, Robert A	11637	13	Sept. 10
Sawyer, John F	2708	3	Jan. 6
Small, Adin C	2711	8	Jan. 9
Small, Nathaniel T	2725	1	Jan. 22
Small, Charles E	2743	4	Feb. 10
Smith, Collin	2752	4	Feb. 18
Smith, John H	2767	11	Mar. 6
Sundberg, Adolph	2774	7	Mar. 12
Scaife, Henry B	2775	3	Do.
Sampson, William H	2794	24	Mar. 27
Snow, George A	2802	1	Apr. 1
Smith, Charles F	2832	5	Apr. 21
Smith, Abiel C	2835	10	Apr. 22
Stedman, Frederick W.	2841	21	Mar. 26
Snow, Ephraim A	2851	7	May 1
Small, Eldridge F	2852	8	May 3
Stone, Martin V. B	2865	7	May 15
Swim, Benjamin	2871	5	May 20
Stubbs, Charles M	2892	8	June 2
Smith, William M	2899	10	June 6
Staples, Charles F	2909	10	June 11
Sorensen, Alfred	2912	6	June 12
Spinney, Leslie A	2922	6	June 16
Stickney, Geo. E	2925	10	Do.
Stubbs, Reuben L	2927	8	Do.
Studley, Geo. E	2928	10	Do.
Spaulding, Nelson	2960	9	July 13
Swift, William H	2989	20	July 26
Sirovich, Louis G	2996	24	Aug. 2
Small, Arnold O	11618	21	Aug. 19
Smith, John	11622	15	Aug. 24
Strahan, Geo. R	11631	6	Aug. 27
Sparks, Irving	11634	9	Aug. 28
Sylvia, William D	11643	9	Sept. 17
Sampson, Eben F	11649	1	Sept. 20
Smith, Donald C	11652	10	Sept. 22
Sparrow, William C	11675	2	Oct. 6
Swasey, William M	11678	25	Oct. 8
Sherlock, Edward	11700	9	Nov. 1
Slocum, Joseph R	11701	13	Nov. 3
Stinson, Oliver L	11708	9	Nov. 15
Stinson, Hardy L	11719	10	Dec. 3
Tarlton, William B	2736	9	Feb. 2
Thompson, Walter S	2795	14	Mar. 27
Thompson, Cyrus A	2828	11	Apr. 17
Thompson, Enoch C	2833	9	Apr. 21
Torrey, Frank	2860	9	May 11
Taylor, John S	2905	13	June 9
Thompson, Frank C	2915	16	June 14
Tallon, Nicholas C	2932	19	June 19
Trott, Lincoln C	2950	6	July 2
Tilton, J. Frank	2962	17	July 13

Masters and pilots licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Titcomb, Edwin A	2999	9	Aug. 3	Wentworth, Chas. W	2895	11	June 3
Thompson, Martin E	11616	3	Aug. 18	Wooster, Hiram E	2897	14	June 5
Taylor, George	11653	23	Sept. 23	Wadman, Thomas W	2936	10	June 21
Thatcher, Peleg	11657	5	Sept. 24	Wheeler, John A	2940	17	June 23
Treworgy, Solomon J	11661	10	Sept. 27	Woodman, Geo. F	2943	18	June 25
Thwing, Chester M	11679	18	Oct. 11	Williams, Edward A	2969	17	July 17
Upton, Colcord	2729	16	Jan. 23	Webster, Ira S	11602	9	Aug. 5
Veeder, John J	11632	9	Aug. 28	Wilson, Charles O	11628	7	Aug. 26
Waters, James	2704	11	Jan. 6	Whitney, Alfred C	11659	26	Sept. 27
Wyman, Albert G	2721	13	Jan. 18	Warner, Stephen J	11672	13	Oct. 4
Wade, Abbott F	2741	15	Feb. 9	Wiley, Warren F	11685	14	Oct. 18
Wing, Clarence M	2796	13	Mar. 27	Wilkie, William J	11696	10	Nov. 1
Wiley, Daniel W	2799	23	Mar. 31	Young, Ebenezer S	2848	22	May 1
Webber, Geo. W	2872	10	May 21				

Mates licensed during the year ended December 31, 1897—Boston, Mass.

Anthony, Alfred H	804	1	Jan. 19	Kenner, Henry M	880	9	Oct. 6
Brown, Charles M	824	8	Apr. 10	Lyman, Charles	801	2	Jan. 6
Birmingham, Thomas	834	7	May 11	Lawman, John C. K	842	5	June 8
Batson Edward O	855	9	July 8	Much, J. Howard	805	4	Jan. 23
Bragdon, Edward E	861	9	July 16	Mills, Charles E	814	1	Mar. 4
Bockmann, Frederick	869	9	Aug. 18	McNamara, James H	826	7	Apr. 17
Cowing, William E	818	1	Mar. 11	McMann, Michael D	846	5	June 15
Corbin, Geo. H	859	9	July 14	McCarthy, Cornelius	860	25	July 16
Clancy, Patrick J	870	14	Aug. 28	Macaulay, Alexander	887	3	Nov. 17
Carver, Isaac	872	4	Sept. 3	Nordblom, Ernst T	849	9	July 1
Cash, William J	885	1	Nov. 13	Ramsay, Robert	837	6	May 14
Ford, Stephen G	843	10	June 10	Smith, Gilbert F	830	17	Apr. 28
Greenlaw, John G	825	1	Apr. 14	Tucker, James	839	20	May 22

Mates and pilots licensed during the year ended December 31, 1897—Boston, Mass.

Abbott, Melvin L	811	6	Feb. 23	Johnson, John	831	4	May 3
Adams, Charles F	813	1	Mar. 2	Jenkins, Joseph H	857	12	July 10
Atkins, Benjamin T	816	11	Mar. 9	Jensen, James	892	6	Dec. 27
Anderson, Oscar E	822	8	Apr. 1	Kilham, Arthur E	832	8	May 4
Brown, Alfred C	802	6	Jan. 6	Karston, Paul G	852	7	July 7
Bruning, Herman	836	6	May 13	Kelley, Isaac B	875	7	Sept. 21
Burke, John H	845	7	June 12	Kemp, Charles F	893	6	Dec. 28
Bradstreet, Charles E	854	26	July 8	Kellogg, David	894	8	Dec. 29
Brown, Joseph D	864	23	July 23	Lavender, Robert S	803	7	Jan. 7
Baker, Manlius	866	7	Aug. 5	Landers, Harry	853	14	July 8
Brown, Allen	889	6	Nov. 29	Lanman, Selden A	883	9	Oct. 26
Crowell, Lucas H	856	4	July 9	Lauriat, Geo. R	890	2	Dec. 11
Crehan, Mark A	858	21	July 10	McFarland, Elmer E	844	7	June 12
Cunha, Antonio Preira da	867	15	Aug. 13	Mitchell, Cyrus W	851	15	July 7
Cook, Emerson D	873	4	Sept. 9	McKinnon, John T	868	2	Aug. 16
Davidson, Edward B	840	9	May 22	McCarthy, Thomas	876	17	Sept. 27
Daniels, Geo. W	884	2	Nov. 6	Manerhoff, Fred. J	881	1	Oct. 11
Eaton, Walter S	838	8	May 21	Monteiro, John R	886	3	Nov. 13
Eldridge, Frank L	865	8	Aug. 5	Nelson, Lars P	812	3	Feb. 27
Farnham, Edward E	821	2	Mar. 27	Nickerson, Dean S	817	5	Mar. 9
Gaillac, Louis E	835	9	May 12	Norton, Frank W	850	10	July 6
Geldart, John W	848	11	June 26	O'Neil, William	829	14	Apr. 27
Hone, Theodore	806	3	Feb. 2	Perkins, James M	809	6	Feb. 12
Herriman, Ferdinand F	820	6	Mar. 16	Peterson, Frank	879	10	Oct. 4
Huber, Emil E	823	7	Apr. 7	Parow, Christopher W	888	7	Nov. 17
Hansen, Johannes	827	1	Apr. 17	Riley, Timothy F	891	9	Dec. 21
Hollywood, Geo. H	833	9	May 6	Stinson, Alexander	807	11	Feb. 8
Harper, Nelson A	847	5	June 24	Safrino, Marseleno	819	9	Mar. 12
Harding, William	862	6	July 17	Smith, William H	882	5	Oct. 20
Hopkins, James P	878	9	Oct. 4	Townsend, William G	815	2	Mar. 8
Ingalls, Warren M	808	6	Feb. 10	Thompson, William G	841	7	May 22
Jewell, Willie F	810	8	Feb. 20	Tormey, Denn's	874	8	Sept. 13
Johnson, Frank M	828	6	Apr. 23	Wing, Curtis A	871	9	Sept. 2
				Whittemore, James L	877	9	Oct. 1

Pilots licensed during the year ended December 31, 1897—Boston, Mass.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Ammelin, C. Robert	1150	5	June 29
Alley, Thomas H	1157	6	July 14
Anderson, William L	1159	17	July 19
Amazeen, John W	1176	19	Oct. 14
Blair, Benjamin F	1108	5	Jan. 19
Brown, Frank	1123	1	Mar. 23
Bailey, Edwin E	1139	7	May 18
Burgess, Everett B	1140	6	Do.
Buffum, Benjamin	1146	9	June 11
Brown, William H	1155	5	July 10
Bartlett, Orin C	1148	13	June 14
Blachford, Arthur E. P	1163	9	Aug. 3
Babb, Alexander B	1171	5	Sept. 14
Batty, William C	1175	24	Oct. 1
Buckley, William	1177	12	Oct. 19
Crocker, William H	1119	10	Mar. 12
Coulter, Charles M	1130	2	Apr. 22
Case, Benjamin F	1132	14	May 3
Conway, Philip D	1134	9	May 5
Cleavelaud, Daniel H	1137	11	May 11
Crowell, Clarence	1142	4	May 22
Cox, Charles H. S	1145	3	June 10
Conover, David A	1162	3	July 31
Cragin, Thomas D	1166	13	Aug. 9
Cooper, Charles C	1169	7	Sept. 10
Cooper, Thomas	1182	3	Nov. 17
Davis, Timothy	1113	12	Feb. 18
Duncan, Charles F	1161	16	July 27
Davis, Everett W	1184	10	Nov. 30
Driscoll, Cornelius J	1187	9	Dec. 20
Eldridge, Arthur E	1112	15	Feb. 12
Elliot, Rufus	1167	10	Aug. 18
Frisbee, Benjamin R	1138	8	May 13
Freeman, Perry D	1151	4	June 29
Gainey, William F	1111	10	Feb. 8
Gardner, David C	1153	5	Jnly 8
Holden, Amos F	1107	6	Jan. 18
Hatch, Benjamin F	1116	1	Mar. 1
Higgins, Cyrus	1155	5	July 12
Howes, Walter E	1185	7	Dec. 1
Jackson, John W	1103	17	Jan. 8
Lewis, Arthur G	1117	16	Mar. 3
Labohn, John F	1122	15	Mar. 22
Lavender, Robert M	1144	8	June 3
Learson, Richard J	1160	4	Jnly 20
McGray, William H	1128	10	Apr. 17
Morrill, John E	1136	7	May 10
McKee, Charles S	1143	11	May 27
McCarthy, Dennis	1168	8	Aug. 25
Mauter, Owen S	1181	5	Nov. 9
Nickerson, Louis G	1101	6	Jan. 8
Nelson, William	1102	7	Do.
Nickerson, Charles A	1131	3	May 1
Olsen, John M	1110	5	Feb. 1
Price, James C	1104	3	Jan. 11
Prout, John R	1105	2	Do.
Porter, William H	1106	11	Jan. 13
Perry, James E	1141	7	May 22
Patterson, Everett	1152	7	July 3
Phelps, Charles A	1174	9	Sept. 28
Pettingill, William J	1178	12	Nov. 3
Paquet, George Z	1183	4	Nov. 22
Perkins, James	1186	16	Dec. 7
Rowe, Frank	1109	9	Jan. 25
Roix, William A	1133	14	May 3
Roberts, Edward	1149	9	June 21
Richardson, John H	1156	7	July 13
Ross, Joseph	1180	14	Nov. 6
Smith, Geo. A	1114	12	Feb. 24
Swift, Sylvanus F	1118	12	Mar. 12
Sullivan, Roger	1120	10	Mar. 17
Smith, Nathan L	1121	4	Mar. 20
Slocum, Henry M	1124	9	Mar. 29
Simpson, Geo. F	1126	11	Apr. 5
Sears, Roger W	1135	16	May 8
Sears, James F	1158	9	Jnly 15
Smith, Benjamin J	1164	14	Aug. 4
Sears, Eben W	1170	4	Sept. 11
First-class pilots—Continued.			
Sargent, Frank W	1172	13	Sept. 14
Small, Frank B	1179	6	Nov. 6
Thompson, Geo. A	1125	5	Mar. 31
Thompson, John E	1165	10	Aug. 6
Ulvedal, Richard Lee	1173	4	Sept. 22
West, Nehemiah F	1115	9	Mar. 1
Webster, Ned. M	1127	3	Apr. 5
Watts, Thomas J	1129	10	Apr. 22
Whitney, William	1147	11	June 12
Second-class pilots.			
Amory, Arthur	1103	13	Jan. 8
Arentson, Peter	1118	3	Jan. 22
Acorn, Charles E	1125	10	Feb. 4
Anderson, Charles A	1191	7	May 11
Adams, William B	1197	4	May 17
Atkins, William T	1205	5	May 18
Breen, James J	1106	1	Jan. 9
Bevins, Joshua W	1116	8	Jan. 21
Blunck, Christian	1119	6	Jan. 27
Baker, Burdett B	1141	5	Mar. 8
Beck, Gep. L	1149	6	Mar. 22
Beam, John C	1165	10	Apr. 17
Bloomer, Nelson F	1182	1	May 3
Brown, Morgan	1195	13	May 15
Burnham, Xenophon W	1224	6	June 4
Brown, John P	1229	3	June 7
Burgess, Henry S	1230	6	Do.
Barrett, Arthur C	1256	1	June 26
Bradley, Charles H	1266	10	July 2
Brown, Geo. H	1290	10	July 19
Brittain, William	6107	11	July 29
Barry, William F	6109	12	Jnly 30
Brown, Andrew C	6149	6	Sept. 16
Badger, Solon B	6167	8	Oct. 8
Bowden, Benjamin F	6188	5	Nov. 11
Broughton, Henry E	1303	6	Dec. 11
Chase, Ira B	1117	4	Jan. 22
Cunningham, Milford T.	1126	4	Feb. 16
Collins, Joseph W	1134	10	Feb. 23
Carrigan, James M	1135	3	Feb. 25
Crowell, Elijah N	1154	13	Apr. 3
Craig, Dexter H	1235	3	June 12
Cook, William	1247	5	June 22
Cash, Stillman C	1273	8	July 7
Collins, Michael	1280	16	July 12
Cole, Lorenzo B	1281	5	Do.
Cobb, Arthur L	1291	5	July 20
Corcoran, James F	1295	2	July 23
Cutter, William O	6103	10	July 26
Cargill, William F	6125	12	Aug. 19
Conroy, Morris F	6129	5	Aug. 25
Chatto, Ralph	6159	5	Oct. 1
Chase, H. Clinton	6179	4	Oct. 23
Crowell, William O	6182	4	Oct. 26
Campbell, Stephen S	6200	8	Dec. 2
Coolidge, John B	1304	10	Dec. 14
Davis, Everett B	1147	9	Mar. 19
Dexter, Thomas A	1200	4	May 17
Davidson, John	1238	1	June 15
Donovan, James	6102	8	July 26
De Coursey, John J	6130	2	Aug. 26
Douglass, Samuel C	6174	18	Oct. 14
Douglass, T. Henry G	6183	14	Oct. 29
Donaldson, William H.	6186	4	Nov. 4
Douglass, Herman F	6190	14	Nov. 16
Danielson, Charles	6191	3	Nov. 17
Eldridge, Cyrus A	1308	3	Dec. 18
Fuller, Eugene	1108	6	Jan. 11
Foote, Frank A	1139	16	Mar. 8
Ford, John E	1262	20	Jnly 1
Fletcher, Lorenzo, jr	1285	9	July 15
Farrell, Hugh	1301	9	Dec. 3
Gan, Paul D	1111	2	Jan. 16
Graeme, Frederick	1210	8	May 22
Gerry, Sylvanus B	1252	6	June 25
Gardner, John J	1279	4	July 17

Pilots licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Gil			
mes, John H. L	6178	12	Oct. 23
y, Allen	1105	6	Jan. 9
Hathaway, Alex. J	1143	8	Mar. 9
Hopkins, Martin N	1144	5	Mar. 11
Harwood, T. T. Hunter	1150	9	Mar. 25
Hall, Lester G	1161	3	Apr. 12
Hansen, Carl J	1208	6	May 20
Haskell, John W	1221	14	June 2
Haley, William	1227	12	June 7
Hardy, Anson H	1265	5	July 2
Haskell, Edgar W	1297	7	July 24
Hills, John M	6104	6	July 27
Hutchins, Frank I	6136	6	Aug. 30
Heberle, Charles	6137	6	Sept. 1
Herring, Ottoway L. B	6139	15	Sept. 3
Hallett, Benjamin O	6148	14	Sept. 13
Hopkins, Frank K	6158	1	Sept. 29
Hoyt, Thomas B	6198	8	Nov. 26
Joseph, John F	1204	6	May 18
Kenney, Amon F	1110	2	Jan. 15
Kevin, Thomas	1190	11	Apr. 26
Kendrick, Herbert E	1186	2	May 10
Kemp, Joseph I	1236	4	June 14
Kierstead, Geo. H	6119	9	Aug. 9
Linnekin, Osborn P	1269	15	July 3
Lewis, Albert F	1270	8	July 6
Lynch, Joseph J	1292	4	July 22
Lord, James E	6138	8	Sept. 3
Loring, William R	6176	9	Oct. 16
Locke, Francis	6187	16	Nov. 6
McHugh, James	1114	5	Jan. 18
McCarthy, Denis	1136	2	Mar. 2
Miller, Alexander	1146	6	Mar. 15
Martin, Henry	1148	14	Mar. 22
Marcial, John B	1151	6	Mar. 27
Mullins, John W	1158	7	Apr. 7
McLarren, Robert P	1160	3	Apr. 12
Montgomery, Blynn C	1174	8	Apr. 27
McGlinn, Edwin A	1216	5	May 26
McLain, Geo. R	1231	2	June 7
McKinnon, William	1245	13	June 19
Manter, Arthur C	1257	1	June 26
McLean, Obadiah R	1258	4	June 29
Meehan, Charles B	1277	17	July 10
McKenna, Geo. W. F	1288	2	July 19
McCormick, Vincent	1294	3	July 23
Mooney, James L	6112	9	Aug. 5
McKenzie, Geo. C	6162	1	Oct. 2
Merrill, Henry T	6166	6	Oct. 8
Middleton, John J	6181	9	Oct. 25
Nickerson, Melville L	1217	9	May 28
Norcross, Alvin C	1234	12	June 11
Nugent, Charles B	1268	3	July 3
Norcross, Mary A	1282	7	July 12
Nevin, George	6133	4	July 28
Naslund, Bernhard	6177	2	Oct. 19
Orchard, Frank	1183	10	May 5
Pierce, John F	1124	9	Feb. 2
Petterson, Charles A	1140	7	Mar. 8
Powers, David H	1178	5	May 1
Pruett, Frank S	1212	9	May 24
Pomeroy, Andrew J	1250	4	Do.
Paine, Isaac R	6157	4	Sept. 27
Pingree, Henry E	6195	9	Nov. 19
Richardson, William J	1145	1	Mar. 15
Russell, James	1167	9	Apr. 21
Richards, John J	1192	15	May 12
Rose, Napoleon B	1253	6	June 26
Ross, Smith A	1267	2	July 3
Rose, Anthony F	6172	5	Oct. 13
Rich, Ander C	6184	17	Nov. 1
Ross, Moses	1307	3	Dec. 17
Small, William G	1107	5	Jan. 11
Swim, Avery	1120	6	Jan. 25
Sawyer, Geo. W	1122	2	Jan. 27
Swim, Josiah N	1127	1	Feb. 16
Swim, Andrew L	1129	7	Feb. 18
Seifert, Geo. M	1130	2	Feb. 19
Second-class pilots—Continued.			
Small, Horace C	1152	1	Mar. 29
Small, Gilmore H	1155	10	Apr. 5
Smith, Albert	1164	9	Apr. 16
Stubbs, Fred	1169	16	Apr. 24
Stubbs, Joseph A	1175	9	Apr. 30
Smith, William	1184	6	May 6
Sawyer, Geo. E	1193	15	May 13
Smith, Edwin W	1202	9	May 18
Sinnott, Charles F	1222	7	June 2
Swim, Michael	1233	2	June 10
Stebbins, Nathaniel L	1240	8	June 16
Swim, Herbert M	6136	5	Aug. 30
Smith, Thomas	6141	4	Sept. 7
Simpson, Albert C	6143	5	Sept. 9
Smith, Peter K	6145	9	Sept. 10
Smith, Henry W	6147	14	Sept. 11
Spurr, Albert W	6150	2	Sept. 17
Smith, Manley S	6153	10	Sept. 21
Swain, Albert F	6163	9	Oct. 2
Sullivan, Benjamin F	6164	3	Oct. 6
Smith, Jerome V	6165	6	Oct. 7
Smith, Henry R	6171	3	Oct. 13
Sprague, Geo. H	6173	4	Oct. 14
Stevens, Benjamin W	6192	7	Nov. 17
Smith, Albert	6193	3	Nov. 18
Swim, John L	1302	16	Dec. 11
Tucker, Philip B	6131	13	Aug. 26
Tucker, Thomas	6142	11	Sept. 9
Thilly, John	6185	3	Nov. 1
Trohan, Herbert W	6199	3	Nov. 29
Taylor, John D	1305	9	Dec. 15
Towne, H. Warren	1306	10	Dec. 16
Thomas, Jason H	1310	3	Dec. 29
Watson, Nathan B	1142	2	Feb. 8
Wennerberg, Edward B	1162	6	Apr. 15
Wixon, Edward B	1207	12	May 19
Walters, Geo. F	1215	9	May 25
Wickett, William J	1218	6	May 28
Wood, Robert M	1249	4	June 23
Wilkinson, Charles A	6113	5	Aug. 5
Weed, Burton O	6161	3	Oct. 1
Webster, Alfred C	6189	11	Nov. 16
Young, Geo. L	1137	1	Mar. 2
Zinck, Geo. B	1113	1	Jan. 16
Special pilots.			
Armstrong, Chas. F. G	1276	1	July 10
Agassiz, Maximilian	1298	8	July 24
Agassiz, Alexander	6110	22	Aug. 2
Armstrong, Geo. E. W	6117	1	Aug. 9
Atwood, Timothy A	6121	6	Aug. 10
Brown, Arthur L	1104	4	Jan. 9
Bates, Edward W	1138	1	Mar. 4
Babb, Frank J	1199	2	May 17
Bowker, Frank	6140	2	Sept. 4
Belcher, Alvah L	6155	2	Sept. 23
Craig, C. D	1102	4	Jan. 6
Conwell, R. Eugene	1206	8	May 19
Christiansen, Ferd. T	1255	1	June 26
Cooper, Joel F	1300	5	July 24
Cole, Harrison I	6106	2	July 29
Coffill, Daniel W	6108	10	July 30
Cowin, J. Nelson	6111	3	Aug. 5
Cross, Joseph A	6124	3	Aug. 18
Clark, Edward S	6154	7	Sept. 21
Davies, Orel E	1223	7	June 4
Dickey, Geo. A	1241	1	June 16
Davies, Edward E	1286	2	July 16
Doyle, John	6168	16	Oct. 8
Ellis, Sylvester	1166	4	Apr. 20
Everbeck, Gorham H	1213	5	May 25
Erskine, Frank B	1188	5	May 10
Fuller, James W	1109	4	Jan. 14
Farrell, Bernhard M	1128	1	Feb. 17
Farr, Herbert M	1156	3	Apr. 6
Foster, Collins C	1173	6	Apr. 27
Foster, C. H. W	1228	3	June 7

Pilots licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.			
Fitzgerald, Thomas J	1284	4	July 15
Fernald, Albert C	6115	8	Aug. 6
Foster, John C	6123	12	Aug. 14
Grant, John J	1168	1	Apr. 22
Garraway, John	1214	1	May 25
Goldsmith, Simon	1274	5	July 8
Gay, Elmer I	6101	4	July 24
Getchell, Sarah E	6122	5	Aug. 10
Getchell, Elmer E	6197	3	Nov. 23
Hutchings, Geo. H	1115	6	Jan. 18
Higgins, Freeman	1121	1	Jan. 27
Harding, Walter E	1132	3	Feb. 23
Holtz, Emil	1133	2	Do.
Hughes, Patrick J	1194	1	May 13
Hammond, Charles F	1203	2	May 18
Harrington, Corneli's F	1219	3	May 28
Holmes, Welles E	1254	1	June 26
Hall, Frederic D	1275	3	July 9
Hanson, Irvin C	6120	2	Aug. 10
Hodder, James R	6151	2	Sept. 18
Haskins, Geo. H	6170	7	Oct. 12
Hagman, Edward	6194	15	Nov. 17
Harwood, Alexander T	1311	8	Dec. 29
Johnson, C. W	1131	6	Feb. 23
Jones, James G	1172	4	Apr. 27
Johnson, William	1278	14	July 12
Jones, Arthur W	6126	2	Aug. 20
Jensen, Hans Peter	6127	4	Aug. 21
Knight, John M	1289	4	July 19
Kerrigan, John P	6132	2	Aug. 27
Knudson, Bernhard	6169	6	Oct. 11
Loring, George	1101	3	Jan. 6
Lewis, Eugene R	1159	1	Apr. 10
Lewis, John A	1176	8	May 1
Lyman, Chas. Frederick	1225	1	June 5
Lyon, Geo. L	1232	2	June 8
Litchfield, Charles I	6152	12	Sept. 20
Littlefield, Charles E	6156	2	Sept. 25
Matthews, John E	1153	1	Apr. 2
Magna, Albert G	1185	4	May 8
Murphy, James J	1243	11	June 19
Morrison, Elmer E	1244	1	Do.
Merrill, Charles H	1263	5	July 1
Methot, Ulderic H	1271	4	July 7
Marston, Frank H	1272	3	Do.
Mathison, John T	6128	3	Aug. 23
Special pilots—Cont'd.			
Meston, Lyman I	6134	2	Aug. 30
McCarthy, Dennis T	6146	3	Sept. 10
McNutt, John J	6175	6	Oct. 14
Malone, John A	6180	9	Oct. 23
Nelson, Henry E	1226	1	June 7
Norcross, Ernest F	1259	3	June 29
Nannery, James	1299	5	July 24
O'Neil, James H	1187	5	May 10
Phinney, Toilston F	1112	3	Jan. 16
Pratt, Albert W	1209	4	May 21
Pierce, William H	1251	7	June 24
Pinkham, Edward H	1283	2	July 13
Roberts, John H	1201	3	May 18
Russell, Louis D	1264	5	July 2
Robinson, Miner	1287	5	July 16
Standley, John F	1123	8	Feb. 2
Skinner, Charles E	1157	7	Apr. 7
Smith, Avard L	1171	2	Apr. 26
Sweet, Henry N	1190	3	May 11
Simmons, Herbert L	1196	1	May 17
Spear, Walter T	1198	8	Do.
Simmons, William E	1212	4	May 24
Swift, William H	1220	11	June 1
Soule, Wilbert	1237	3	June 15
Stickney, Geo. C	1260	11	July 1
Smith, Morton	1261	8	Do.
Smith, Ephraim	1296	5	July 24
Stuart, David J	6114	1	Aug. 5
Skinner, Willis E	6144	4	Sept. 10
Thurston, Frank W	1177	8	May 1
Taylor, Geo. B	1181	7	May 3
Thayer, Winthrop	1239	2	June 16
Timson, David E	1248	2	June 23
Thompson, Geo. W	1293	4	July 22
Toby, William L	6105	7	July 27
Thurston, Fred. L	6116	1	Aug. 7
Whitney, Richard S	1163	1	Apr. 16
Woodman, William	1180	1	May 1
Weatherbee, Benj. H	1189	7	May 10
Wittenhazen, John	1242	4	June 18
Warren, Wilbur	1246	4	June 22
Whitman, George	6118	15	Aug. 9
Wardwell, Geo. A	6160	1	Oct. 1
Whitmarsh, Samuel E	6196	9	Nov. 20
Wall, Ariel C	1309	10	Dec. 27

Joint pilots and engineers licensed during the year ended December 31, 1897—Boston, Mass

Baker, William F	253	5	Mar. 30
Binley, William, jr	254	1	Apr. 17
Blatchford, David	258	7	May 8
Brown, Gilman W	266	2	June 2
Balcomb, Frank	2053	10	Oct. 22
Conley, William F	264	1	June 1
Cassens, Thomas F	270	3	June 16
Chase, Fred. W	275	1	June 17
Cady, Samuel B	292	4	Aug. 24
Calder, Eugene	2052	5	Sept. 18
Dimock, Hedley V	289	2	Aug. 14
Dalton, Charles F	300	5	Sept. 15
Doyle, Thomas F	2054	6	Nov. 11
Edwards, Madison	256	10	May 1
Eaton, Howard F	299	6	Sept. 14
Francis, Everett W	263	1	May 27
Faulkner, Walter O	274	1	June 19
Folsom, John T	294	1	Sept. 3
Groeschner, A. H. T	257	7	May 7
Gay, Ellis B	282	3	July 17
Grant, Elmer E	295	1	Sept. 4
Heintzelman, Sig	251	3	Jan. 11
Huey, Jason P	252	4	Jan. 13
Hibbard, Ellery C	259	3	May 14
Hurd, Albert W	273	4	June 19
Hird, Francis J	276	3	June 22
Jerauld, Ensign C	277	3	June 24
Kemble, Parker H	255	1	Apr. 24
Kervin, Frank W	265	1	June 1
Kraus, Herman W	267	2	June 3
Lewis, Isaac W	260	9	May 15
Lewis, Edward R	278	1	June 26
McDonnell, Jeremiah B	261	4	May 20
McGraw, Walter E	281	1	July 8
Macomber, Charles W	283	3	July 20
Mead, Charles H	291	3	Aug. 20
Maughan, Joseph B	296	1	Sept. 4
Meldram, William H	298	3	Sept. 8
Nolan, Florence	288	6	Aug. 5
O'Neil, John C	285	2	July 23
Paine, Thomas K	268	10	June 5
Perkins, Lorenzo D	287	2	Aug. 4
Packard, Henry F	293	6	Sept. 2
Phinney, Frank F	297	6	Sept. 7
Persson, Otto F	2051	1	Sept. 5
Rich, David B	262	3	May 25
Rogers, Henry Ernest	269	1	June 14
Rand, Hollis G	284	2	July 21
Rio, Graciano	2055	6	Nov. 16
Small, William G	271	1	June 18
Stratton, Henry C	272	2	June 19
Smith, Harrison W	280	4	June 28
Watson, Thomas A	279	1	Do.
Young, Henry G	290	2	Aug. 16

Engineers licensed during the year ended December 31, 1897—Boston, Mass.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean).			
Amory, Arthur	2714	13	Jan. 8
Alexander, William S	2763	6	Mar. 15
Anderson, Alexander	2856	17	May 27
Anderson, Burnside	2866	8	June 4
Abbott, William S	2898	8	June 22
Arkebauer, Jesse O	2992	5	Sept. 18
Akroyd, James H	3043	8	Dec. 11
Ames, Frank J	3049	8	Dec. 21
Brooks, Fred C	2728	9	Jan. 21
Blaisdell, William M	2729	6	Jan. 23
Bowen, Horace C	2737	9	Feb. 8
Barber, Edward M	2748	6	Feb. 25
Bradford, Fred. S	2757	19	Mar. 10
Berwick, William	2768	8	Mar. 19
Bromley, Herbert W	2793	5	Apr. 10
Bucknam, Charles H	2807	22	Apr. 23
Bromley, Parker S	2808	6	Do.
Baker, Albert C	2814	15	Apr. 30
Bailey, Fred. C	2838	8	May 17
Bremner, Alexander F	2917	4	June 29
Bell, William E	2918	17	June 30
Ball, Fred. M	2928	16	July 10
Ballard, Edwin V	2947	13	July 31
Bucknam, Samuel E	3000	15	Sept. 28
Brown, Henry F	3013	27	Oct. 20
Bass, J. Warren	3020	6	Oct. 28
Brooks, Edward A	3031	26	Nov. 18
Bean, Cecil N	3051	7	Dec. 24
Cree, Duncan	2717	12	Jan. 11
Chapman, Thomas	2734	6	Jan. 27
Chalker, James H	2754	12	Mar. 8
Crawford, William	2769	23	Mar. 19
Currier, John A	2801	22	Apr. 20
Coffin, Ulysses S	2817	7	May 1
Chambers, Michael A	2897	11	June 22
Collins, Lewis	2912	19	June 28
Cummin, John C	2937	1	July 17
Cain, John	2943	22	July 24
Cragin, Thomas D	2950	16	Aug. 9
Crowell, George F	2963	15	Aug. 18
Cunningham, Mich'l F	2962	11	Do.
Colson, William G	2965	9	Aug. 23
Cook, John T	2972	10	Aug. 31
Cook, William	2983	9	Sept. 7
Currie, Henry	3030	12	Nov. 17
Demott, Rufus S	2715	24	Jan. 8
Dobbie, John	2790	2	Apr. 10
Doyle, Andrew S	2794	24	Apr. 12
Dalbow, Samuel B	2818	28	May 5
Davis, Libbeus S	2865	38	June 4
Desjardins, Ernest A	2884	14	June 15
Delaney, John H	2989	10	Sept. 14
Daniel, Francis	3021	10	Nov. 2
Day, Frank L	3039	19	Dec. 7
Day, Horatio A	3044	25	Dec. 14
Emery, Lowell M	2852	17	May 25
Evans, Geo. A	2859	14	May 28
Ellis, James A	2923	4	July 2
Estabrook, John L	3050	37	Dec. 21
Fisher, Howard L	2747	10	Feb. 25
Farrar, Preston W	2771	11	Mar. 22
Flint, Warren B	2774	12	Mar. 23
Fish, William T	2796	5	Apr. 14
Frost, Nataniel N	2847	32	May 21
Ferguson, Charles	2850	11	May 24
Fraser, Robert H	2857	14	May 27
Foist, William F	2873	20	June 6
Folsom, Joseph L	2921	19	July 1
Farnham, William C	2927	7	July 9
Fowles, John F	2951	25	Aug. 9
Folsom, Geo. W	2968	22	Aug. 24
Gutterson, Wilbur F	2708	6	Jan. 6
Gilkey, James A	2730	23	Jan. 25
Gillias, James H	2791	11	Apr. 10
Gerry, James S	2821	9	May 6
Gibbs, Geo. E	2842	17	May 18
Gummer, Edward J	2843	16	Do.
Gerting, William	2854	32	May 26
Garland, Charles F	2911	21	June 28
Gilman, William M	3012	15	Oct. 19
Chief engineers (ocean)—Continued.			
Grant, James W	3045	15	Dec. 14
Hutchinson, Martin V	2704	23	Jan. 5
Hayes, David K	2719	12	Jan. 12
Hawthorn, Neil	2739	3	Feb. 11
Hatch, Crowell E	2773	9	Mar. 22
Hjertqvist, Charles	2824	8	May 10
Howland, Warren	2895	30	June 21
Henry, John	2896	35	June 22
Hart, Sylvanus D	2900	16	June 23
Hedden, Edward F	2939	15	July 21
Holmes, Brainard J	2956	29	Aug. 12
Holmes, Robert S	2961	27	Aug. 13
Helms, Samuel J	2969	26	Aug. 27
Henton, Stephen	2993	35	Sept. 18
Harden, Hosea	3001	14	Oct. 1
Henchey, William	3022	15	Nov. 3
Harrison, William H	3032	10	Nov. 18
Johnson, Charles A	2864	15	June 4
Jones, Robert E	2930	13	July 10
Johnson, Charles E	2988	22	Sept. 14
Johnson, Samuel T	2909	32	June 26
Kohl, William	2849	7	May 22
Kimball, Charles	3042	13	Dec. 11
Long, Jeremiah C	2740	9	Feb. 12
Lindsay, William J	2745	2	Feb. 18
Ladrigan, Daniel V	2761	9	Mar. 13
Logan, Robert	2831	2	May 14
Long, Timothy	2853	8	May 25
Lynn, Willis E	2867	17	June 4
Leach, Frederick I	2879	15	June 10
Lees, Joseph R	2925	16	July 6
Lane, L. Walter	2932	7	July 12
Lombard, Charles A	2976	8	Sept. 3
Lanning, Walter B	2997	13	Sept. 24
Lovering, Edgar P	3023	13	Nov. 3
McMurray, Robert	2705	12	Jan. 5
McWilliams, Wm. R	2725	6	Jan. 18
Marshall, Neil	2733	4	Jan. 27
Murphy, John	2746	9	Feb. 24
Manuel, George	2764	6	Mar. 16
McGregor, Morton	2772	15	Mar. 22
McFadden, Jason O	2777	8	Mar. 29
Marr, Frank H	2792	18	Apr. 10
Matheson, Matthew	2826	9	May 11
Marr, Oscar L	2829	25	May 13
Miller, Walter M	2840	15	May 17
Miller, Frank O	2869	5	June 4
Malcolm, Charles R	2940	23	July 23
MacIntyre, Burpee	2970	5	Aug. 27
McCausland, John R	2975	34	Sept. 1
McDonald, Charles E	2984	28	Sept. 8
McQuade, John	3004	17	Oct. 2
McCarty, Turner E	3017	17	Oct. 23
McLeod, John N	3040	9	Dec. 9
McColligan, William	3046	17	Dec. 17
Norton, Walter S	2703	4	Jan. 5
Norton, Francis M	2716	13	Jan. 8
Nolan, Patrick	2779	9	Mar. 30
Nelson, Isaac C	2839	11	May 17
Nichols, Geo. A	2844	9	May 19
Noble, William H	2875	19	June 8
Neiman, Nathaniel M	2941	19	July 23
O'Neill, Patrick	2712	8	Jan. 6
Oliver, Frank S	2815	15	May 1
Olys, Thomas J	2833	6	May 15
O'Neill, John	2908	9	June 26
Olys, P. H	3008	23	Oct. 8
Oliver, Warren P	3024	17	Nov. 5
Pierce, Nathaniel	2726	23	Jan. 20
Peers, Charles S	2735	16	Jan. 28
Perkins, William H	2766	9	Mar. 18
Potter, Charles A	2799	20	Apr. 15
Paige, Edward C	2863	11	June 2
Pomeroy, Andrew J	2903	14	June 24
Pingree, John N	2914	27	June 29
Percy, Jordan G	2937	10	July 17
Patch, William D	2942	18	July 24
Preble, Albion P	2945	16	July 26
Purrington, William	2966	15	Aug. 23
Pattee, Charles A	2904	17	Sept. 21

Engineers licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Pingree, Henry E	3033	16	Nov. 20
Rogers, William J	2724	7	Jan. 16
Rose, Mannel	2731	14	Jan. 25
Russell, William	2759	9	Mar. 12
Rowan, Alfred N	2924	4	July 3
Robinson, Bliss W	2926	11	July 7
Robinson, Fairfield H	2980	5	Sept. 4
Reese, Geo. W	3038	12	Dec. 7
Rowe, Edward L	3048	20	Dec. 20
Story, Edward L	2742	6	Feb 16
Suttie, Calvin D	2743	13	Do.
Stoddard, Clifford J	2752	6	Mar. 3
Sawyer, William J	2753	10	Mar. 4
Small, Jacob W	2755	6	Mar. 10
Smith, Fred. A	2800	10	Apr. 17
Shaw, Marshall H	2806	12	Apr. 22
Sullivan, Florence M	2811	13	Apr. 26
Swin, Henderson	2820	3	May 6
Simpson, Abram H. T	2832	24	May 14
Smith, Arthur H	2851	8	May 24
Sprague, Nathaniel	2855	15	May 27
Smith, Armand J	2860	6	May 28
Sampson, Levi	2878	22	June 10
Stewart, Geo. W	2881	11	June 12
Sullivan, James	2888	26	June 16
Shea, Thomas	2889	20	June 18
Sprague, Geo. H	2920	20	July 1
Snow, William R	2922	10	Do.
Shaw, Frank B	2931	25	July 11
Swift, William H	2944	16	July 26
Straw, Fred. E	2967	13	Aug. 24
Schriver, John E	2982	7	Sept. 7
Sturdivant, Fred. W	3036	8	Nov. 29
Terry, Frank D	2711	16	Jan. 6
Thornton, Mark	2709	31	Do.
Thayer, J. Clifford	2668	9	June 4
Tinkham, Charles J	2890	8	June 19
Towne, H. Warren	2891	10	Do.
Trussell, John M	2907	17	June 26
Titcomb, David A	2913	9	June 29
Varney, Geo. H	2718	15	Jan. 11
Withum, Wilton B	2736	5	Feb. 6
Woods, Fred. E	3006	9	Oct. 5
Westman, John J	2744	16	Feb. 17
Woods, Charles A	3010	13	Oct. 12
Weatherbee, E. Reuben	2767	19	Mar. 18
Wilson, John B	3041	19	Dec. 9
Wyman, Charles A	2787	4	Apr. 8
Weeks, Fred A	2978	13	Sept. 3
Chief engineers (inland).			
Adams, Geo. H	2701	15	Jan. 5
Alexander, Lewis S	2721	12	Jan. 14
Ashley, Edward E	2756	7	Mar. 10
Alexander, John	2846	29	May 20
Allen, Nathaniel	2885	31	June 15
Ames, Albert P	2977	9	Sept. 3
Alexander William S	2990	29	Sept. 16
Allen, Walter C	2999	10	Sept. 28
Bradley, James A	2702	16	Jan. 5
Blaisdell, Alexander S.	2770	10	Mar. 20
Belcher, Geo. H	2776	6	Mar. 25
Baker, Harry A	2783	6	Apr. 3
Black, Jeremiah G	2798	14	Apr 15
Brand, Lyman B	2812	4	Apr. 26
Bucknam, Alonzo W	2823	21	May 8
Betts, Geo. H	2841	7	May 18
Bennett, Thomas H	2874	18	June 8
Bartlett, John R	2933	16	July 15
Bragg, Geo. H	2948	19	Aug. 4
Benson, Herman M	2952	5	Aug. 9
Bliss, Edward N	2959	8	Aug. 12
Brown, John S	2979	12	Sept. 4
Breen, James P	3003	1	Oct. 2
Brown, Eben T	3052	3	Dec. 27
Clark, Rufus W	2710	9	Jan. 6
Chief engineers (inland)—Continued.			
Crowell, Oliver T	2741	12	Feb. 12
Cragin, Charles H	2760	4	Mar. 13
Cone, Frederick A	2789	29	Apr. 9
Clark, Edward A	2810	10	Apr. 24
Curtis, Clarence A	2862	26	June 2
Chatto, Ralph	2886	7	June 16
Chase, Henry	2893	29	June 21
Corcoran, James F	2935	12	July 15
Cutter, William O	2946	11	July 26
Coombs, Augustus P	2954	8	Aug. 10
Crooker, William W	2959	23	Aug. 12
Conklin, Geo. R	2960	18	Do.
Cochran, James B	2995	9	Sept. 21
Coleman, Albert	3025	24	Nov. 8
Davis, Robert	2750	4	Mar. 1
Doyle, Patrick	2781	16	Apr. 1
Davis, Wilbur R	2901	6	June 23
Davis, Elmer L	2981	13	Sept. 7
Daley, Morris	2998	25	Sept. 27
Doby, John	3015	17	Oct. 21
Emerson, Oren B	2894	15	June 21
Emerson, Fred. J	3047	11	Dec. 18
Folsom, Joseph E	2870	15	June 4
Fox, William L	2825	21	May 10
Ferris, Albert A	2986	10	Sept. 8
Foster, William H	3011	24	Oct. 13
Gerry, Charles M. S	2707	22	Jan. 6
Gullifer, Alonzo	2871	27	June 4
Green, John H	2876	16	June 8
Griffiths, William	3016	17	Oct. 22
Griffiths, Edward	3029	22	Nov. 4
Gallagher, James	3034	4	Nov. 27
Harding, Robert K	2713	20	Jan. 8
Holbrook, Louis H	2805	15	Apr. 22
Hutchins, Charles S	2816	3	May 1
Hopkins, Lewis M	2835	7	May 17
Holland, Henry J	2848	10	May 27
Hathorne, Fred. E	2882	31	June 12
Harriman, William F	2906	10	June 25
Hodgdon, Allen	2915	8	June 29
Hartley, Benjamin F	2964	20	Aug. 21
Hatch, Charles E	2971	14	Aug. 31
Holmes, Geo. W	3009	24	Oct. 11
Heberle, Charles	3037	14	Dec. 4
Inman, Jarvis	2813	6	Apr. 28
Jenkins, Edward B	2765	5	Mar. 16
Jones, John	2786	9	Apr. 8
Jordan, Francis	2953	31	Aug. 9
Johnson, Loring D	2987	24	Sept. 11
Johnson, John A	2991	9	Sept. 17
Johnson, Geo. L	3053	16	Dec. 27
Kelley, Joseph	2784	8	Apr. 6
Kane, Matthew	2797	23	Apr. 15
Kempka, Herman	2819	4	May 6
Keene, Franklin G	2883	7	June 15
Lowe, Addison P	2778	5	Mar. 29
Le Baron, Albert O	2782	3	Apr. 3
Lewis, Burrel S	2828	14	May 12
Leavitt, Bard	2973	8	Sept. 1
Leufest, Walter C	2974	6	Do.
McGunigle, John	2706	4	Jan. 5
McGovern, Bernard	2720	12	Jan. 13
Morse, Charles H	2727	7	Jan. 20
Mitchell, Samuel F	2785	17	Apr. 7
McCarthy, Michael J	2804	5	Apr. 21
Manson, Frank M	2827	7	May 11
Morris, Michael	2861	11	June 1
Moran, David P	2887	25	June 16
Mitchell, William H	2916	15	June 29
McFarland, William H.	2955	6	Aug. 10
Middleton, John J	3018	23	Oct. 25
Mains, Sumner F	3035	15	Nov. 29
McElvie, John	3054	20	Dec. 27
Newcomb, Geo. H	2949	26	Aug. 5
Neal, Ernest B	3002	1	Oct. 1
Oliver, Egbert A	2851	7	Mar. 3
Oliver, Geo. E	2858	15	May 27
Porter, Frank A	2722	10	Jan. 14

Engineers licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Peterson, Augustus	2758	4	Mar. 4
Pevear, Norman W	2762	16	Mar. 16
Phillips, Charles H	2780	14	Mar. 31
Percy, Walter I	2795	3	Apr. 13
Pendleton, Ethan D	2803	8	Apr. 21
Phillips, Joseph N	2910	8	June 26
Pease, Benjamin E	2929	15	July 10
Pearson, Alonzo C	2934	17	July 15
Quinton, Thomas	2904	28	June 24
Roche, Thomas P	2830	13	May 14
Roach, Thomas	2872	8	June 5
Randall, Charles E	2905	11	June 24
Randall, Benjamin R	2985	12	Sept. 8
Riley, Patrick J	3005	20	Oct. 5
Smith, Geo. M	2723	14	Jan. 16
Small, Alfred K	2738	10	Feb. 10
Sutherland, Robert D	2749	14	Feb. 26
Splaine, Jeremiah	2802	11	Apr. 21
Setters, Joseph H	2834	8	May 15
Sheehan, James	2837	14	May 17
Short, Caleb A	2892	5	June 19
Smith, Harvey	2902	12	June 24
Smith, Jerome	2919	10	July 1
Stickney, Clarence R	2938	5	July 19
Shepard, Charles L	2996	8	Sept. 24
Shaw, James H	3014	7	Oct. 20
Small, Harry F	3019	5	Oct. 26
Swainson, John N	3028	6	Nov. 12
Titcomb, Geo. O	2732	8	Jan. 25
Tobey, Geo. A	2836	18	May 17
Tibbetts, Geo. W	2877	17	June 10
Van Zandt, John L	3007	14	Oct. 5
Watson, William	2775	10	Mar. 25
White, Walter	2788	17	Apr. 9
Williams, Benjamin	2809	22	Apr. 23
Winsby, James A	2822	7	May 8
White, James	2845	8	May 19
Williamson, Eugene A	2880	14	June 12
Williams, Evan T	2958	17	Aug. 12
Wennerberg, Emil F	3026	6	Nov. 8
Whittier, Geo. O	3027	9	Nov. 10
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Atkins, William E	2045	1	Feb. 20
Allavesen, Martineus	2133	1	May 3
Ayars, Edmund D	7403	32	June 19
Atkinson, Charles B	7428	5	July 1
Aldridge, John	8429	1	Sept. 28
Attridge, Thomas F	8434	1	Oct. 1
Adams, Frederick S	8474	7	Dec. 8
Boyle, John	2005	7	Jan. 7
Brady, Robert J	2021	14	Jan. 21
Buck, Nathan A	2042	6	Feb. 17
Burden, Joseph E	2055	4	Mar. 6
Bagley, Thomas F	2083	2	Mar. 27
Brennock, Henry E	2151	3	May 17
Brady, Thomas	2161	9	May 24
Brown, Charles W	2191	19	June 16
Bradley, Charles H	7432	10	July 2
Balaban, Abraham J	7485	14	Aug. 11
Britt, James J	8416	3	Sept. 3
Banks, Otis C	8419	6	Sept. 10
Brown, Frederick G	8430	11	Sept. 29
Bergeron, Asa J	8476	3	Dec. 11
Campbell, William	2029	1	Feb. 1
Cogan, Edward J	2136	1	May 6
Crooker, Elmer E	2155	4	May 19
Collins, Joseph	2158	4	May 22
Card, John Newton	2176	12	June 5
Choate, Henry	2185	8	June 12
Cragin, Thomas E	7409	8	June 22
Currie, Jasper J	7426	21	July 1
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Cross, Thomas H	8440	18	Oct. 8
Cunningham, M. T	8441	18	Oct. 11
Duncan, Joseph R	2000	17	Feb. 13
Doherty, Daniel L	2043	14	Feb. 19
Dunnigan, John J	2116	2	Apr. 20
Doten, Lemuel T	2118	8	Do.
Dyson, Thomas A	2124	13	Apr. 24
Dyer, Edward W	2142	2	May 8
Desmond, Denis	2175	7	June 5
Davidson, Dana J	7477	6	Aug. 7
Davis, J. Carlton	7496	4	Aug. 19
Duncan, Charles F	8414	16	Aug. 31
Doyle, Geo. H., jr	8424	1	Sept. 20
Douglass, Samuel C	8445	19	Oct. 14
Davis, William	8451	2	Oct. 27
Eastman, Weston T	2081	10	Mar. 27
Ellis, William W	2148	4	May 13
Edgerly, Charles R	2193	2	June 16
Edwards, John	7474	8	Aug. 7
Farrin, Edgar R	2013	1	Jan. 11
Fisher, Fred A	2069	3	Mar. 17
Farrar, Albert	2085	7	Mar. 29
Farr, Herbert M	2137	6	May 6
French, Charles A	7435	10	July 6
Ford, Horace N	7461	5	July 27
Foster, John C	7491	11	Aug. 14
Finerty, John	8471	16	Dec. 6
Grant, James N	2141	4	May 8
Gosson, Jeremiah	2147	7	May 13
Gayland, William R	2153	8	May 17
Grant, Alexander C	7445	10	July 12
Gardner, Wallace	8401	12	Aug. 27
Glynn, John	8411	3	Do.
Gowen, Clarence E	8427	2	Sept. 24
Hallenbeck, Willis E	2018	4	Jan. 13
Hastings, James A	2056	11	Mar. 9
Holloway, Joseph H	2063	2	Mar. 13
Holloway, William J	2092	1	Apr. 2
Hay, Arthur M	2108	1	Apr. 14
Hayden, Sydney E	2117	18	Apr. 20
Higgins, William Z. D	2126	5	Apr. 27
Harvey, Albert E	2130	4	May 1
Hanson, Fred. E	7406	10	June 22
Hannaford, Thomas S	7465	4	July 30
Hill, William H	7493	13	Aug. 19
Hall, William H	7500	11	Aug. 21
Hittinger, Edward K	8418	13	Sept. 8
Hutchings, C. W., jr	8423	17	Sept. 18
Hanscom, Roscoe E	8432	7	Sept. 29
Hathaway, Joseph T	8438	11	Oct. 6
Hunter, John	8484	7	Dec. 16
Hiner, Tyree C	8489	1	Dec. 21
Imperial, S. Francis	7473	16	Aug. 5
Ingersoll, Fred. W	7484	12	Aug. 10
Johnson, Charles	2077	16	Mar. 23
Jones, William S	2190	3	June 15
Jones, Samuel A	7413	14	June 23
Johnson, Luther W	7434	4	July 3
Johnson, Fred. L	8464	7	Nov. 23
King, Robert	2101	15	Apr. 10
Kilgour, Dwight F	2150	14	May 15
Keating, John	7489	26	Aug. 14
Kilburn, Horace E	8415	15	Sept. 3
Kane, Alfred	8446	9	Oct. 15
Kearns, Mark	8449	15	Oct. 19
Kenny, William H	8455	5	Nov. 9
Lombard, Levi W	2007	6	Jan. 9
Loring, Charles W	2050	6	Feb. 27
Little, John	2053	2	Mar. 6
Loring, Geo. B	2054	1	Do.
Litchfield, Henry H	2090	11	Apr. 1
Lewis, Harry W	2104	5	Apr. 12
Lebaron, Sylvester O	2177	19	June 6
Loche, Charles E	2179	10	June 7
Le Baron, Leander O	7492	21	Aug. 17
Lanigan, Nathan	8402	18	Aug. 27

Engineers licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Long, John F	8420	7	Sept. 16
Loche, Francis	8436	9	Oct. 2
Mosher, Freeman G	2015	15	Jan. 11
McLaughlin, James C	2019	3	Jan. 16
Moses, Andrew J	2044	17	Feb. 19
Mansfield, John J	2052	3	Mar. 4
Mahoney, Patrick	2068	3	Mar. 16
McConnell, John F	2076	1	Mar. 22
McQueen, William A	2105	5	Apr. 12
Moody, Melvin S	2110	4	Apr. 16
McDonald, John M	2169	12	June 1
Maxwell, Oliver F	2182	14	June 11
Macy, William R	2194	1	June 16
McKinnon, Angus	2200	4	June 19
Murphy, James J	7402	11	Do.
Moseley, Theodore	7422	18	June 28
Morong, John H	7433	1	July 2
Methot, Ulderic H	7438	4	July 7
Mitchell, Geo. D	7443	6	July 10
Maclanchlan, James A	7450	20	July 16
McKenzie, Abel	7453	9	July 17
McDuffie, William S	7463	8	July 28
Mabury, Joseph A	8403	7	Aug. 27
Miller, Duncan	8473	12	Dec. 6
Norton, John P	2012	10	Jan. 9
Nason, William W	2106	2	Apr. 13
Nealand, John O	2119	13	Apr. 22
Normine, John S	2139	16	May 6
Norcross, Alvin C	7439	13	July 8
Nugent, Barnard	8412	27	Aug. 27
Nettle, James W	8487	27	Dec. 20
Otterbein, Heinrich	2008	4	Jan. 9
O'Brien, Michael	7420	26	June 26
O'Brien, Stephen E	7479	1	Aug. 7
Ostman, John T	8433	4	Oct. 1
Parker, Riley H	2017	6	Jan. 13
Pinkham, Thaddeus W	2135	5	May 5
Perkins, Geo. B	2107	1	Apr. 14
Perie, Frank	2167	6	June 1
Pierce, Lyman L	2174	10	June 5
Purdy, Herbert F	2199	3	June 18
Pearson, John A	7410	11	June 23
Patch, Leon S	7487	12	Aug. 12
Purhard, Geo	7495	10	Aug. 19
Pyfrom, Albert H	8405	5	Aug. 27
Philbrick, Andrew J	8443	9	Oct. 12
Reynolds, Aaron B	2051	1	Mar. 4
Richards, John J	2146	15	May 12
Rand, William G	2152	9	May 17
Raymond, John B	7430	4	July 2
Rich, Arthur C	7436	8	July 6
Russell, William H	7452	5	July 17
Richardson, Arthur P	7498	6	Aug. 21
Sargent, Frank W	2002	13	Jan. 6
Sawyer, Wilmer E	2014	7	Jan. 11
Snow, William H	2020	23	Jan. 18
Shea, John	2026	15	Jan. 29
Sparks, Fred. H	2035	3	Feb. 8
Stewart, John H	2058	13	Mar. 11
Sherman, Amos	2071	3	Mar. 20
Simms, Albert H	2075	1	Mar. 22
Smith, Eugene M	2088	5	Apr. 1
Studley, William H	2144	6	May 11
Sawyer, Ernest A	2162	1	May 25
Shaw, Fred. L	2163	1	Do.
Stuart, Benjamin E	2186	3	June 12
Spates, Fred. B	7514	1	June 24
Studley, Harry G	7459	4	July 26
Sennott, Charles F	7497	4	Aug. 19
Smith, Henry W	8439	8	Oct. 7
Stanton, Edward	8481	7	Dec. 13
Thaxter, Charles F	2025	15	Jan. 26
Tryon, Charles W	2049	12	Feb. 27
Trolan, John S	2192	16	June 16
True, Edgar A	7448	3	July 13
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Tobey, William L	7462	4	July 27
Tonder, Joachim	7480	4	Aug. 9
Vincent, Charles S	7440	2	July 8
Vaughan, Randolph E	8428	1	Sept. 25
Watson, John F	2036	13	Feb. 9
Webb, Hiram	2041	17	Feb. 17
Walker, Edward	2079	7	Mar. 26
Wilson, William H	2084	1	Mar. 29
Williamson, William L	2093	2	Apr. 3
Wennerberg, John H	2098	3	Apr. 7
Wall, Ariel C	2138	14	May 6
Weatherbee, Benj. H	2143	9	May 10
Wellington, Frank O	2170	6	June 2
Whitman, Edgar F	7425	12	July 1
Whitman, George	7482	15	Aug. 9
Wickens, John B	8482	3	Dec. 14
Yates, Thomas J	7494	6	Aug. 18
First assistant engineers (ocean).			
Allen, Ethan	2078	1	Mar. 24
Barber, Thomas W	7441	9	July 9
Bassett, Charles	7444	4	July 10
Blaisdell, Benjamin F	7467	9	July 31
Brown, Chester D	8454	3	Nov. 9
Bradshaw, John	8485	18	Dec. 17
Currie, William	2100	4	Apr. 7
Coleman, William D	7446	6	July 12
Clark, James A	8425	5	Sept. 21
Colby, Chester D	8444	2	Oct. 13
Coolidge, Geo. O	8452	2	Nov. 2
Connell, Joseph	8472	3	Dec. 6
Cordiner, Andrew S	8483	3	Dec. 15
Doherty, Joseph	2099	7	Apr. 7
Davis, Everett B	2156	3	May 20
Donnell, Fred. L	7423	12	June 29
Damon, Norman M	7427	4	July 1
Edmunds, Wm. H., jr	2103	1	Apr. 10
Flynn, Lawrence W	2159	14	May 22
Foster, Aviland L	2181	18	June 9
Farry, Thomas	7412	9	June 23
Flint, Robert F	7490	7	Aug. 14
Ferguson, William	8417	14	Sept. 4
Green, E. Allen	2010	7	Jan. 9
Gordon, Walter B	7460	1	July 26
Gardner, John J	7488	4	Aug. 13
Griffin, William C., jr	8480	23	Dec. 13
Hallett, Fred. L	2038	12	Feb. 11
Hammond, Edward	2089	1	Apr. 1
Hammond, Edgar E	2128	2	Apr. 30
Hutchins, Walter L	2165	6	May 29
Hewett, Frank P	7401	1	June 19
Hayes, Levi W	8422	5	Sept. 17
Hughes, Charles R	8475	6	Dec. 10
Kelly, Joseph	2065	18	Mar. 15
Kennedy, Frank C	7447	3	July 12
Knight, Oscar I	7469	3	Aug. 2
Kennedy, William J	8450	6	Oct. 23
Kemp, Daniel L	8490	6	Dec. 22
Lahey, Nicholas	2033	12	Feb. 4
Lombard, Daniel	2095	1	Apr. 3
Latham, Albert E	2102	1	Apr. 10
Marshall, Matthew	2003	5	Jan. 7
McDonald, Daniel A	2009	17	Jan. 9
McChesney, Isaac M	2062	9	Mar. 12
Moody, John F	2166	5	May 29
Mattson, Johan P	2197	1	June 16
Mains, Elbridge	7417	6	June 25
Madden, Edward C	7418	5	Do.
McCarthy, Denis	7424	2	June 29
Miner, Daniel P	7454	12	July 20
McCauley, Robert	8413	5	Aug. 30
McGrath, James	8442	12	Oct. 12
McGunigle, Daniel P	8456	3	Nov. 11

Engineers licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers (ocean)—Cont'd.			
Norcross, Geo. R	2109	3	Apr. 15
Normine, James W	7451	7	July 17
Orr, John E	7405	2	May 21
Perow, William G	2070	5	Mar. 18
Pingree, Henry L	8426	18	Sept. 22
Quinlevan, Oswald	7486	2	Aug. 11
Robb, Geo. C	2011	3	Jan. 9
Reagan, Bernhard J	2023	10	Jan. 25
Robin, David	2057	1	Mar. 10
Russell, Arthur H	8459	9	Nov. 19
Smith, James P	2030	15	Feb. 2
Spence, Thomas J	2048	4	Feb. 26
Stephens, John	2082	6	Mar. 27
Swenson, Charles	7419	1	June 26
Simms, James E	7457	6	July 22
Smith, Charles A	7472	9	Aug. 4
Smith, John L	8431	6	Sept. 29
Stanberg, Charles	8461	1	Nov. 22
Swan, Peter A	8493	1	Dec. 27
Titcomb, Benjamin B	2094	19	Apr. 3
Thompson, William	7449	14	July 15
Trim, J. William	7475	14	Aug. 7
Tyson, Ernest	7483	12	Aug. 9
Trask, Charles	8492	2	Dec. 24
Walker, Anthony	2112	5	Apr. 17
Welsh, Patrick	8458	9	Nov. 17
First assistant engineers (inland).			
Bethell, Edward T	2016	1	Jan. 12
Brown, Eugene S	2060	5	Mar. 11
Bennett, Walter M	2091	3	Apr. 2
Baurhyte, Charles L	2125	14	Apr. 26
Berry, Winthrop B	8447	19	ct. 18
Collins, John L	2006	9	Jan. 8
Chadwick, Howard L	2178	7	June 6
Chatto, George E	2196	7	June 16
Calkins, Agustus	7407	13	June 22
Corbin, William A	7411	9	June 23
Colby, Frank L	7415	5	June 24
Clark, Benjamin F	7471	12	Aug. 3
Cobb, Charles S	8437	8	Oct. 5
Deering, Geo. B	2154	14	May 18
Davis, Frank E	2187	16	June 14
Foster, Henry S	2189	7	June 15
Gorham, Frank F	2097	8	Apr. 5
Hoyle, Mark W	2059	1	Mar. 11
Keating, Geo. F	2172	11	June 3
Leahy, William D	2131	4	May 3
McAnany, Michael F	2198	2	June 18
Mollerstrom, John W	7466	12	July 31
McIntire, Thomas	8409	11	Aug. 27
Nelson, Martin	2031	3	Feb. 3
O'Donnell, John	8460	2	Nov. 22
Parr, James	2066	16	Mar. 16
Perkins, Frank O	2127	4	Apr. 28
Quinn, John T	2027	1	Jan. 29
Reyot, James W	8448	7	Oct 18
Ryan, Edward	8486	6	Dec. 17
Small, Raymond C	2145	2	May 11
Searle, Arthur E	2171	6	June 2
Shull, Eugene A	7404	7	June 19
Smith, Benjamin H	7455	23	July 20
Stackhouse, James	8494	10	Dec. 28
Smith, John N	8945	9	Dec. 29
Wickett, William J	2149	1	May 14
Walker, Frederick W	8469	9	Dec. 1
Second assistant engineers (ocean).			
Anderson, Gustav F	2120	2	Apr. 22
Brown, James H	2164	10	May 26
Billings, Lewis S	7429	6	July 1
Baker, Andrew J	7481	8	Aug. 9
Second assistant engineers (ocean)—Cont'd.			
Barter, Isaiah P	8410	18	Aug. 27
Blaisdell, Charles H	8491	1	Dec. 24
Collins, Fred	2061	6	Mar. 12
Cogswell, Frank H	7476	1	Aug. 7
Crowley, John J	8496	3	Dec. 30
Doherty, Edward	2001	14	Jan. 6
Duffy, Thomas	2064	1	Mar. 13
Erickson, Oscar	8462	1	Nov. 22
Flaherty, Barney A	2080	7	Mar. 25
Fraser, Robert L	7442	4	July 10
Ford, Herbert L	7468	12	Aug. 2
Greenough, Granville E	2004	2	Jan. 7
Grover, Charles W	2046	6	Feb. 24
Grace, Henry A	2074	2	Mar. 20
Gibbons, John E	2087	9	Mar. 31
Goodwin, Herbert N	2160	3	May 22
Hunt, Andrew H	2034	2	Feb. 6
Hasty, Homer S	2114	4	Apr. 17
Hodgon, Edward J	8477	1	Dec. 10
Keniston, Fred	2022	9	Jan. 23
Knapp, Geo. A	2037	11	Feb. 11
Kelly, Thomas J	2115	2	Apr. 20
Kelly, James	2195	6	June 16
Keenan, Charles	7458	16	July 2
Kierstead, Leslie	8467	5	Nov. 29
Long, William H	2039	3	Feb. 11
Little, Arthur	7456	3	July 22
Lonney, Newton	8466	1	Nov. 27
Lester, Frank	8478	17	Dec. 13
Martin, John S	2032	1	Feb. 4
Morse, Robert B	2047	4	Feb. 25
McGinty, William	2086	5	Mar. 30
McLaren, Duncan	2132	3	May 3
Molin, Frank E	7416	2	June 25
McChesney, John	7499	6	Aug. 21
Mansur, Robert P	8407	1	Aug. 27
Mantine, Frederick H	8408	1	Do.
McAlevey, Owen	8453	8	Nov. 3
Mason, William A	8457	1	Nov. 13
Mason, Francis O	8470	1	Dec. 3
Messick, James W	8479	2	Dec. 13
O'Donnell, James	8406	13	Aug. 27
Peterson, Ole B	2134	7	May 5
Pulsifer, Geo. W	2157	2	May 21
Parmenter, Frank	7437	2	July 6
Powers, Burnside A	8404	6	Aug. 27
Plock, August	8468	8	Nov. 29
Rollins, Charles A	2111	3	Apr. 16
Reardon, John J	2113	1	Apr. 17
Ronney, James	2129	3	May 1
Ronney, John	7478	1	Aug. 7
Robb, Geo. W	8463	1	Nov. 23
Shreck, William C	2024	2	Jan. 25
Spaulding, William C	2121	7	Apr. 22
Shea, Sherman	8421	11	Sept. 16
Sullivan, Herbert A	8465	1	Nov. 23
Shaffer, Walter J	8488	3	Dec. 21
Vail, James H	2140	1	May 8
Vereker, Edward J	2180	4	June 8
Wentworth, Harry A	2028	5	Feb. 1
Ward, Edward	2122	1	Apr. 23
Second assistant engineers (inland).			
Browning, John T	7408	5	June 22
Cook, Fred. D	2183	18	June 11
Collins, Jason W	2188	3	June 14
Donovan, Joseph T	2096	7	Apr. 5
Getchell, Fuller J	2184	2	June 11
McDonough, Michael	7464	2	July 28
McElvie, David	7431	6	July 2
Ridley, Daniel W	2173	1	June 4
Watson, John	2168	5	June 1
Williams, Ernest L	7470	1	Aug. 2

Engineers licensed—Boston, Mass.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Third assistant engineers (ocean).			
Compton, Den. D	2123	5	Apr. 24
Mack, Eugene T	2073	6	Mar. 20
Upton, Colcord	2072	11	Do.
Walters, Geo. F	2067	10	Mar. 16
Welsh, Peter J	8435	1	Oct. 1
Special engineers.			
Atwood, Fred. M	537	7	June 10
Arnold, Thomas	552	5	June 26
Anderson, John T	565	4	July 27
Baker, Albert H	504	2	Mar. 18
Berwick, George W	509	4	Apr. 16
Briggs, William L	511	11	Apr. 26
Bragg, Arthur E	515	5	May 5
Barber, Walter H	548	2	June 22
Bjornson, Theo. Oloff	551	2	June 26
Bowker, Frank	562	2	July 23
Barton, Edwin A	567	2	July 28
Bowker, Charles E	585	3	Oct. 9
Baker, Orlando L	586	6	Oct. 14
Chapman, Mayo L	510	1	Apr. 17
Caswell, Walter L	526	8	May 19
Clark, Samuel A	542	5	June 15
Cullinane, James	554	5	June 30
Cowin, Eugene	578	5	Sept. 9
Clark, Edward S	583	7	Sept. 21
Claflin, Mark T	587	9	Oct. 28
Carpenter, Raymond	588	3	Nov. 3
Coolidge, John B	595	10	Dec. 14
Chadwick, Eugene L	596	12	Do.
Downer, Frank W	508	3	Apr. 15
Davies, Orel E	531	7	June 4
Down, Josiah N	561	14	July 17
Donovan, William C	593	4	Dec. 3
Emery, J. Herbert	568	12	July 31
Estabrook, Jacob R	571	1	Aug. 6
Farwell, Jay Q	522	4	May 13
Fernald, Albert C	569	8	Aug. 6
Gafford, William H	503	7	Mar. 2
Guilhop, George H	518	1	May 8
Gardner, Arthur C	524	1	May 14
Gibby, George H	540	2	June 15
Gay, Elmer I	563	4	July 24
Gurney, Frank P	584	13	Sept. 29
Glen, William	590	3	Nov. 12
Getchell, Elmer E	592	8	Nov. 23
Harwood, T. T. Hunter	506	9	Mar. 25
Hicks, Walter L	528	1	May 28
Hunnewell, Charles H	529	1	May 29
Hay, George H	532	2	June 5
Hall, Frederick D	560	3	July 9
Hodges, Sylvester	580	6	Sept. 16
Special engineers—Continued.			
Johnson, C. W	562	7	Feb. 23
Jewett, Frank A	535	5	June 6
Kennetick, Thomas W	519	4	May 10
Kemble, Parker H	539	1	July 12
Kelly, Thomas E	574	3	Aug. 14
Lewis, Thomas J	512	8	May 1
Lewis, Ellis M	514	7	May 4
Lyon, George L	516	3	May 5
Lawson, Edward	521	1	May 11
Lyman, Charles F	550	1	June 25
Lingard, Levi	591	3	Nov. 16
Murphy, John J	507	6	Mar. 25
Madden, John H	538	5	June 10
McNider, Henry J., jr	558	1	July 3
McCurdy, John J	570	7	Aug. 6
Morrison, August T	576	3	Aug. 30
Milligan, Andrew	579	7	Sept. 15
Meade, Manuel S	594	1	Dec. 7
Morgan, Charles F	597	7	Dec. 16
Nelson, Henry E	536	1	June 10
Norcross, Ernest F	553	2	June 29
Nolan, James F	577	1	Sept. 3
Needham, James	581	4	Sept. 16
O'Brien, James	549	8	June 25
O'Regan, Dennis J	582	9	Sept. 13
Paine, Joseph W	534	2	June 5
Philbrook, David H	544	1	June 19
Pratt, Richard W	546	5	Do.
Philkrantz, Frank E	545	1	Do.
Pierce, Charles W	559	5	July 8
Poole, Harry M	566	1	July 28
Poole, William G	589	3	Nov. 9
Robinson, Miner	520	4	May 10
Roy, Louis W	533	5	June 5
Rich, John P	575	2	Aug. 25
Skinner, Charles E	501	9	Jan. 15
Smith, Richard H	505	2	Mar. 18
Somes, John W	517	5	May 7
Setter, John J	523	1	May 13
Swift, William H	530	11	June 1
Soule, Wilbert	541	3	June 15
Sweet, Henry N	543	2	June 18
Smith, Morton	555	7	July 1
Stebbins, Le Baron S	556	9	Do.
Sherman, Francis W	557	2	July 2
Stickney, Geo. C	573	14	Aug. 14
Thurston, Frank W	513	8	May 1
Tripp, Benjamin M	564	3	July 27
Wickens, Geo. W	525	2	May 17
Wilson, Dennis J	527	4	May 26
Warren, Wilbur	547	6	June 22
Wise, William O	572	8	Aug. 11

LOCAL DISTRICT OF NEW LONDON, CONN.

Masters and pilots licensed during the year ended December 31, 1897—New London, Conn.

Name.	No. of license.	No. of issue.	Date of issue.
Alger, James N	3029	17	Mar. 18
Anderson, Peter W	3082	7	June 18
Avery, William H	3141	14	Aug. 31
Ashcraft, John A	3143	3	Sept. 4
Arnold, Frederick L	3158	12	Sept. 21
Andrews, William J	3186	11	Nov. 15
Baldwin, Merritt A	3008	10	Jan. 25
Bacon, Charles R	3020	5	Mar. 5
Barrelle, James E	3021	7	Mar. 8
Beardsley, George B	3023	14	Do.
Budington, James W	3035	5	Mar. 27
Bennett, George H	3050	15	May 5
Bailey, Charles E	3056	15	May 15
Bartlett, William C	3057	9	May 17
Brooks, Sidney R	3059	16	May 20
Beckwith, Francis H	3061	21	May 24
Beebe, Thomas L	3062	17	Do.
Brown, William H	3066	21	May 28
Burns, Charles S	3069	8	June 1
Beebe, John C	3084	16	June 21
Burns, Thos. E	3091	12	June 28
Burdick, William H	3096	16	July 10
Beckwith, Cornelius	3098	15	July 12
Brown, Jasper L	3103	8	July 22

Masters and pilots licensed—New London, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Brown, Trassar C	3110	18	July 27	Kelley, Charles	3136	7	Aug. 25
Bush, Saml. N	3139	12	Aug. 27	Latham, Abram D	3019	9	Mar. 3
Beebe, Frederick H	3147	22	Sept. 9	Lowndes, Charles T	3041	12	Apr. 16
Bartlett, H. S	3153	29	Sept. 17	Lynch, Thomas B	3053	7	May 10
Brand, Dudley A	3165	15	Sept. 28	Latham, Russell	3074	9	June 7
Brewer, Everett E	3167	27	Sept. 30	Lane, Amasa	3102	18	July 16
Baisden, Robert	3171	6	Oct. 9	Littlefield, Amazon	3106	13	July 24
Barker, Walter H	3183	20	Nov. 3	Lupton, Henry H	3122	7	Aug. 13
Brooks, Lewis	3200	19	Dec. 10	Lanphear, Horace C	3152	34	Sept. 15
Barker, Jonathan R	3205	15	Dec. 17	Lake, James A	3160	9	Sept. 22
Crossman, Orrin E	3003	10	Jan. 5	Lord, James B	3184	12	Nov. 5
Crocker, Samuel L	3006	16	Jan. 7	Latham, Benjamin W	3191	4	Nov. 23
Champion, Frank P	3009	9	Jan. 26	Miner, Richard K	3080	27	June 15
Chadwick, William F	3012	8	Feb. 2	Miller, William A	3094	14	July 10
Crocker, Henry N	3016	23	Feb. 11	Macomber, Frank	3116	20	Aug. 10
Carberry, James E	3018	12	Feb. 25	May, Henry E	3129	28	Aug. 21
Champlin, William H	3049	11	May 4	Marran, Martin J	3137	16	Aug. 27
Corcoran, Thomas	3073	10	June 5	Marshall, William H	3155	20	Sept. 18
Comstock, George W	3128	8	Aug. 19	Mankin, Henry S	3195	12	Nov. 29
Chesebro, George W	3133	20	Aug. 24	Mears, Frederick H	3162	15	Sept. 24
Chester, Braddock M	3149	27	Sept. 14	Nash, Charles E	3042	10	Apr. 20
Crandall, George H	3154	6	Sept. 17	Nash, Albert D	3045	5	Apr. 24
Crocker, Alvin M	3168	13	Oct. 4	Niles, Charles H	3112	16	July 29
Cobb, Albert F	3170	8	Oct. 9	Osgood, Frederick L	3071	13	June 2
Clark, John W	3180	16	Oct. 28	Osgood, Charles H	3166	16	Sept. 30
Carroll, Frederick W	3182	9	Nov. 3	Payne, W. Otis	3054	6	May 11
Conklin, Sedley S	3196	16	Nov. 29	Penn, Walter	3077	13	June 15
Cole, Jonathan	3197	12	Nov. 30	Phelps, Henry S	3078	9	Do.
Dodge, Edwin A	3010	10	Jan. 26	Pendleton, Edgar S	3086	17	June 22
Daboll, Ezra	3011	11	Jan. 27	Page, George	3100	11	July 13
Deming, Oliver	3015	15	Feb. 11	Pettigrew, Charles C	3144	12	Sept. 7
Douglass, E. O	3048	26	May 4	Pettigrew, James	3187	11	Nov. 17
Davis, Edward M	3070	8	June 2	Perkins, Avery C	3188	25	Nov. 18
Dadmun, George W	3075	18	June 11	Read, Bliss	3001	16	Jan. 4
Denison, James E	3115	9	Aug. 2	Routh, Henry G	3030	13	Mar. 23
Dunham, James N	3163	10	Sept. 24	Reynolds, Charles F	3060	8	May 22
Dart, Gilbert M	3198	25	Dec. 1	Russell, John E	3063	7	May 24
Edwards, Joshua B	3058	19	May 20	Robinson, Frank H	3081	11	June 18
Elton, James	3067	3	May 29	Rowland, Leander W	3093	16	July 9
Earl, Albert A	3072	16	June 4	Rose, Thomas D	3097	15	July 12
Early, William	3099	10	July 13	Rankin, James S	3119	14	Aug. 11
Ewen, Edmund R	3101	31	July 15	Roberts, John P	3126	13	Aug. 18
Etheridge, Oliver E	3150	14	Sept. 14	Ruland, Edward C	3142	9	Sept. 4
Foote, Constant F	3083	26	June 18	Reed, Charles	3156	21	Sept. 20
Fengar, Christopher C	3173	19	Oct. 11	Reeve, Isaac	3161	23	Sept. 23
Francis, Joseph S	3179	12	Oct. 25	Ryley, James	3204	13	Dec. 15
Gray, Orrin A	3002	6	Jan. 5	Scott, Thomas A	3007	18	Jan. 9
Gardner, Stephen A	3005	9	Jan. 6	Smith, George L	3014	10	Feb. 11
Greenman, William	3031	21	Mar. 23	Smith, James F	3024	23	Mar. 10
Geer, Edgar M	3037	17	Apr. 6	Scofield, Henry	3025	15	Do.
Gooding, William T	3065	7	May 26	Snow, Alexander N	3033	8	Mar. 25
Greffin, Edward F	3108	5	July 26	Siemon, Frederick L	3036	14	Apr. 2
Goodale, Herbert S	3118	9	Aug. 10	Schofield, Ira V	3039	8	Apr. 13
Geer, Edward R	3120	10	Aug. 11	Smith, Edward	3051	33	May 7
Gardner, Benjamin J	3132	16	Aug. 23	Sherman, Charles H	3052	5	Do.
Goddard, George H	3140	20	Aug. 28	Strickland, Martin S	3079	9	June 15
Grumley, John F	3178	19	Oct. 21	Sanders, George C	3087	24	June 23
Gaines, Jared	3193	21	Nov. 24	Sawyer, Leander P	3089	12	June 26
Griffing, Chas. M	3199	20	Dec. 2	Saunders, Stillman	3090	12	June 28
Havens, William H	3017	21	Feb. 25	Stocking, Edward W	3104	11	July 22
Horner, Elisha F	3022	12	Mar. 8	Smith, William R	3105	30	July 23
Herbert, Harry P	3028	11	Mar. 17	Smith, Richard T	3114	17	July 31
Holloway, William H	3032	15	Mar. 26	Stevens, Henry W	3121	10	Aug. 12
Hawkins, J. W	3038	18	Apr. 13	Sanders, Charles C	3124	14	Aug. 17
Huntley, Abel L	3044	9	Apr. 22	Sheffield, Benjamin F	3135	8	Aug. 25
Hills, Ruge	3046	18	Apr. 30	Sheffield, Thomas H	3146	21	Sept. 8
Hazard, Walter R	3055	15	May 12	Spencer, Charles E	3148	14	Sept. 11
Healy, George S	3068	18	May 31	Simmons, Charles L	3151	16	Sept. 14
Holloway, Martin E	3157	7	Sept. 21	Sprague, Daniel	3169	8	Oct. 5
Hayes, Irael A	3164	9	Sept. 28	Saunders, William G	3181	23	Nov. 3
Hedden, John P	3174	15	Oct. 12	Slate, Charles J	3185	12	Nov. 8
Harvey, Alexander	3175	8	Oct. 14	Saunders, William	3194	19	Nov. 24
Hunt, David J	3176	11	Oct. 18	Tooker, Adrian B	3040	5	Apr. 14
Howell, Thomas H	3189	7	Nov. 20	Turpie, Clareton K	3109	9	July 27
Halyburton, Geo. W	3203	13	Dec. 13	Thompson, John E	3113	13	July 31
Jackson, Gilbert F	3125	15	Aug. 17	Thompson, Alex. C	3130	11	Aug. 21
Kelsey, James E	3026	3	Mar. 13	Tallman, Elijah L	3145	23	Sept. 7
Kenney, John	3088	13	June 25	Trolan, Richard W	3192	9	Nov. 23
Kelsey, Henry P	3107	16	July 26	Varnum, Myron A	3004	4	Jan. 5
Kelsey, Allen M	3131	6	Aug. 21	Varnum, James A	3034	7	Mar. 25
Keeney, Nathan	3134	20	Aug. 24	Vars, Nelson B	3177	15	Oct. 19

Masters and pilots licensed—New London, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Wells, James H	3013	12	Feb. 9	Wilson, Samuel W	3117	16	Aug. 10
Webber, Sumner D	3027	22	Mar. 13	Willis, John	3123	17	Aug. 14
Whipple, Augustus N.	3043	2	Apr. 21	Ward, William D	3127	32	Aug. 18
Ward, James H	3047	8	May 1	Wightman, Peleg W	3138	25	Aug. 27
Weed, John A	3064	11	May 26	Wells, Frederick C	3159	11	Sept. 22
Walther, Benjamin	3076	13	June 14	Wilcox, Jesse H	3172	16	Oct. 11
Wilcox, Elias F	3085	20	June 21	Warner, Timothy P	3190	14	Nov. 22
Wood, Charles W	3092	7	July 8	White, James P	3201	11	Dec. 10
Wilcox, Rowland H	3095	17	July 10	Wright, Victor E	3202	14	Dec. 11
Withey, William E	3111	16	July 28				

Mates licensed during the year ended December 31, 1897—New London, Conn.

Ashcraft, Alonzo	907	21	June 15	Lester, Albert	918	24	Nov. 19
Andersen, Peter O	910	2	June 24	Nichols, William S	904	2	May 27
Casey, Patrick	911	7	July 30	Nichols, Eaton	905	24	June 5
Dahl, Axel	909	6	June 22	Reardon, Jerry	908	1	June 16
Dunbar, Nelson R	914	4	Aug. 16	Thomas, Frank	917	7	Oct. 6
Dotey, Amos W	916	3	Oct. 1	Wolfe, Charles H	903	8	Apr. 2
Eaton, Emory J	901	1	Mar. 11	Willmore, James A	912	12	Aug. 12
Eversen, Christian	915	5	Aug. 6	Walker, James	913	12	Do.
Looby, William H	902	12	Mar. 29				

Mate and pilot licensed during the year ended December 31, 1897—New London, Conn.

Name.	No. of license.	No. of issue.	Date of issue.
Dodge, Ralph E	906	5	June 12

Pilots licensed during the year ended December 31, 1897—New London, Conn.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.				*First-class pilots*—Continued.			
Arnold, George F	1321	3	May 28	Howard, David A	1333	6	July 15
Andersen, Junius B	1359	11	Aug. 31	Hills, William H	1337	3	July 21
Avery, Edward P	1364	11	Sept. 11	Hamilton, Thomas	1340	6	July 29
Baker, Eugene E	1316	6	Apr. 24	Hewitt, Herbert	1346	13	Aug. 4
Beckwith, Edgar E	1318	4	May 14	Hughes, Charles M	1358	10	Aug. 23
Burns, John	1329	3	June 23	Harris, Alvan H	1373	6	Oct. 28
Brown, Harvey S	1341	3	July 29	Kohn, William J	1328	2	June 18
Buddington, John W	1343	8	July 30	Lanphere, Amos B	1302	4	Feb. 8
Boardman, Millard E	1344	7	July 31	Lanphere, Amos	1323	16	June 1
Boardman, Francis	1345	7	Aug. 2	Laguire, Lafayette	1324	5	June 5
Beebe, Albert S	1349	3	Aug. 11	Lawrence, William E	1325	12	July 19
Bump, William L	1353	12	Aug. 12	Lewis, George F	1376	10	Dec. 7
Bacon, Charles H	1354	2	Aug. 14	Ladd, Jabez B	1378	9	Dec. 18
Babcock, William T	1355	2	Do.	McLoughlin, James	1307	10	Mar. 3
Beebe, Maltby C	1356	5	Aug. 21	Morey, George W	1322	7	June 1
Beckwith, Orrin W	1360	16	Sept. 4	Matthews, William	1334	17	July 16
Buell, John H	1361	6	Do.	Moore, John J	1336	6	July 29
Barber, George F	1369	9	Oct. 8	McCarthy, Michael	1338	4	July 28
Crandall, Anderson L	1308	8	Mar. 23	McClennon, Frank W	1357	9	Aug. 21
Crocker, Josiah E	1313	1	Apr. 14	Madden, David	1363	2	Sept. 8
Conklin, William H	1325	6	June 8	Meader, Jesse A	1364	4	Sept. 24
Comstock, Charles S	1368	1	Oct. 6	Neilson, Peter	1309	5	Apr. 5
Elkins, Frank L	1303	10	Feb. 11	Nelson, Charles A	1347	5	Aug. 7
Edwards, Everett J	1374	4	Nov. 19	Ollweiler, George F	1301	7	Feb. 1
Gardner, William G	1327	8	June 12	Pierce, Charles H	1319	9	May 15
Gray, Foster	1352	3	Aug. 12	Preston, S. T	1362	10	Sept. 7
Griffin, George A	1367	6	Sept. 22	Pendleton, William O	1377	7	Dec. 14
Goodale, Samuel J	1375	3	Dec. 7	Pendleton, Maurice A	1379	6	Dec. 21
Hall, Albert L	1306	4	Mar. 2	Rackett, Willard E	1305	2	Mar. 1
Howard, Orrin M	1310	15	Apr. 7	Rogers, Charles L	1330	6	June 23
Hall, Jesse W., jr	1312	8	Apr. 12	Rackett, A. Chauncey	1348	11	Aug. 10

Pilots licensed—New London, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Rathbun, Leonard	1350	11	Aug. 11
Ross, Philip C	1371	6	Oct. 11
Sisson, Elisha F	1304	9	Feb. 13
Saggers, Jonathan	1317	18	May 4
Smith, David W	1331	11	July 8
Sisson, Ezra N	1339	2	July 28
Spencer, John H	1365	11	Sept. 17
Skinner, Silas C	1370	23	Oct. 11
Tribble, William F	1311	1	Apr. 7
Thompson, Frank E	1351	3	Aug. 11
Thomas, John	1372	12	Oct. 26
Udell, George E	1314	1	Apr. 14
Vail, John M	1320	4	May 17
Williams, Charles	1315	16	Apr. 17
Westcott, Herbert A	1326	5	June 8
Wilcox, J. Calvin	1332	8	July 10
Wines, William	1342	2	July 29
Second-class pilots.			
Ashbey, Fremont N	1533	4	May 28
Ashbey, Allen	1534	15	Do.
Avery, Giles A	1572	4	July 31
Babcock, James O	1508	2	Feb. 9
Babcock, Daniel C	1522	5	Apr. 9
Boerum, Henry H	1524	8	Apr. 24
Bullard, Henry	1536	9	June 3
Bishop, George H	1537	20	June 7
Bradley, Frederick W	1564	3	July 22
Burrows, Robert H	1566	9	July 26
Brigham, William M	1577	13	Aug. 16
Bardick, Elnathan	1587	4	Sept. 1
Bugbee, Clarence E	1589	8	Sept. 4
Cunningham, William	1502	11	Jan. 5
Champlin, Nelson	1516	6	Mar. 11
Champion, S. Eugene	1521	15	Apr. 5
Chester, Ira	1527	6	May 7
Chesebro, Benjamin C	1548	5	June 21
Clark, John C	1553	8	June 28
Carroll, Frank J	1557	3	July 7
Chadwick, Frank A	1563	6	July 20
Champion, Leonard A	1568	6	July 28
Clark, Frank A	1592	11	Sept. 15
Conroy, David J	1598	5	Oct. 6
Denison, James	1506	1	Jan. 20
Doughty, William H	1515	1	Mar. 10
Daniels, Norman L	1542	3	June 14
Evans, Wilkin	1520	3	Apr. 5
Evarts, Curtis F	6704	17	Dec. 4
Ferguson, Charles F	1530	9	May 25
Fuller, George T	1532	7	May 27
Fones, William A	1556	16	July 6
Flagg, William L	1579	12	Aug. 18
Glenn, Patrick L	1526	4	May 5
Grindle, Brooks	1590	6	Sept. 11
Griswold, Sirvilius A	6706	27	Dec. 15
Healy, Will	1517	10	Mar. 15
Hewitt, Harvey H	1551	5	June 24
Hempstead, Frank	1562	9	July 19
Hart, Stanton G	1573	9	Aug. 10
Hahn, Benjamin W	1575	2	Aug. 11
Horton, William W	1586	6	Aug. 30
Harvey, Emilus B	1596	8	Sept. 27
Hubbard, William E	1597	2	Oct. 5
Haskell, Percy A	1599	1	Oct. 20
Second-class pilots—Continued.			
Hubbard, Hindley W	6705	7	Dec. 11
King, Charles W	1518	1	Mar. 19
King, Wallace	1525	5	May 4
Keeney, Crandall S	1552	13	June 29
Kelsey, Ezra L	1593	8	Sept. 15
Larsen, Lars	1531	1	May 26
Lathrop, John K	1547	6	June 19
Latham, John F	1555	6	July 6
Longley, Charles R	1594	2	Sept. 22
Maxson, J. Irving	1501	11	Jan. 2
Munger, A. N	1550	9	June 22
Morgan, Augustus V	1558	5	July 12
Martland, Thomas	1561	15	July 17
Meech, Sanford	1580	4	Aug. 18
Miner, Samuel A	1585	12	Aug. 28
Morgan, F. W	1595	12	Sept. 24
Oliver, George W	1504	6	Jan. 11
Odber, William O	1591	10	Sept. 11
Packer, Lodowick F	1507	5	Feb. 5
Powers, Farrington C	1523	5	Apr. 19
Payne, Emerson W	1588	7	Sept. 1
Palmer, Robert, jr	6701	8	Nov. 6
Rider, Daniel G	1505	6	Jan. 18
Ray, B. A	1569	2	July 28
Slate, Thomas F	1510	6	Feb. 23
Sistare, William M	1512	2	Mar. 8
Story, Thomas W	1528	10	May 7
Scott, John A	1538	11	June 10
Stevens, William W	1554	1	July 1
Stokes, Newton	1600	7	Nov. 3
Smith, Elmer H	6702	20	Nov. 9
Sweet, William F	6703	4	Nov. 17
Tooker, Charles C	1509	4	Feb. 19
Taylor, Alvin F	1539	9	June 11
Thuer, Alexander F	1541	4	June 14
Townsend, George H	1545	16	June 16
Tyler, Charles	1578	11	Aug. 17
Wells, J. Sheridan	1503	6	Jan. 8
Worthington, Arthur H	1560	4	July 17
Williams, James A	1581	1	Aug. 18
Young, Warren M	1514	9	Mar. 10
Young, Oliver C	1519	1	Mar. 26
Special pilots.			
Belcher, Gregory	1529	3	May 19
Burns, William W	1535	4	June 2
Bushnell, Herbert E	1546	8	June 17
Crossman, Henry S	1540	3	June 12
Dupre, John C	1584	4	Aug. 26
Foster, Rushton G	1543	2	June 16
Francis, Josiah M	1571	2	July 30
Griffing, Maxwell T	1583	7	Aug. 25
Hollister, Martin T	1513	22	Mar. 9
Hollister, Leonard	1559	12	July 14
Hills, Charles C	1567	12	July 27
Joy, Henry B	1582	1	Aug. 18
Littlejohn, Charles F	1511	4	Mar. 8
Mugford, Edwin S	1576	1	Aug. 11
O'Callaghan, John J	1549	4	June 2
Reed, Walter P	1565	2	July 23
Reed, John U	1570	2	July 29
Wormbold, Otto	1544	2	June 16
Wise, Edward H	1574	4	Aug. 10

Joint pilots and engineers licensed during the year ended December 31, 1897—New London Conn.

Aikey, George L	371	1	July 22	Bedent, Charles H	393	6	Sept. 10
Alexander, Joel S	390	5	Aug. 30	Coe, Carlton W	375	1	July 31
Anderson, Henry S	399	5	Oct. 7	Cook, Harris J	376	1	Do.
Banks, Henry D	361	1	June 23	Case, Joel T	380	5	Aug. 11
Brosnan, Cornelius J	389	3	Aug. 26	Case, Leon M	381	5	Do.

Joint pilots and engineers licensed—New London, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Davis George M	357	2	June 9
Dexter, Ernest J	382	2	Aug. 11
Doolittle, Charles J	388	4	Aug. 20
Ely, Charles F	369	5	July 21
Eddy, Arthur H	370	2	Do.
Gates, Frederick G	363	2	June 30
Gardiner, Jonathan T	397	7	Oct. 1
Hill, Charles R	352	9	Apr. 24
Hall, George	355	5	May 29
Hale, H. B	356	2	May 31
Hale, Wallace L	359	2	June 12
Hollister, C. R	360	7	Do.
Hall, George E	364	4	July 1
Hallett, Carl F	387	4	Aug. 19
Harmon, Frederic	391	4	Sept. 1
Hall, Frank B	395	5	Sept. 11
Jacobs, Walter H	368	1	July 16
Jewett L. R	385	6	Aug. 17
Kenyon, Frank E	379	9	Aug. 10
Lane, Walter A	358	1	June 9
Lanone, Arthur S	372	1	July 23
La Pierre, Floyde H	386	1	Aug. 18
Maxim, Hiram Percy	353	1	May 19
Mack, George G	365	2	July 2
Markham, Robert L	392	8	Sept. 2
Manning, George O., jr.	394	1	Sept. 10
Meade, William G	396	2	Sept. 28
Mack, Frederick J	398	4	Oct. 7
Patnode, Gilbert G	377	2	Aug. 3
Raynor, J. Morrison	362	16	June 29
Reid, Frederic T	366	3	July 6
Sweet, George F	351	6	Mar. 13
Spencer, C. M	367	8	July 9
Souther, Henry	373	2	July 27
Stanton, Walter A	384	2	Aug. 13
Sadler, William L	400	5	Oct. 11
Sweet, Charles J	2102	2	Oct. 16
Tuthill, David W	354	2	May 25
Turnbull, James A., jr.	374	1	July 31
Tyler, Henry D	383	2	Aug. 11
Talcott, H. George	2101	3	Oct. 13
Tuthill, G. Frank, jr.	2103	3	Nov. 9
Whitehouse, Robert T.	378	2	Aug. 7

Engineers licensed during the year ended December 31, 1897—New London, Conn.

Chief engineers (ocean).

Name.	No. of license.	No. of issue.	Date of issue.
Bain, Alexander	3426	15	June 29
Burrows, Charles F	3460	20	July 1
Brown, William L	3501	5	Sept. 27
Chase, George M	3419	17	June 22
Cranston, William H	3442	35	July 14
Chesebrough, Amos B.	3471	20	Aug. 13
Carter, Joseph W	3474	32	Aug. 16
Case, Frank H	3497	20	Sept. 14
Evans, David	3363	8	Apr. 10
Geer, Charles H	3385	28	May 8
Haskell, Alfred J	3366	23	Apr. 20
Hurlbutt, Frank	3456	15	Aug. 3
Johnston, John H	3507	21	Oct. 11
Lawrence, Nathan S	3415	20	June 16
Lyon, George W	3479	21	Aug. 20
Minson, John H	3469	13	Aug. 12
Matthews, John S	3472	22	Aug. 13
Rogers, Henry W	3330	25	Feb. 15
Sault, Samuel A	3383	19	May 6
Slocum, Benjamin W	3445	10	July 17
Sides, Robert C	3510	6	Oct. 16
Trolan, Richard W	3331	17	Feb. 15
Thomas, Joseph	3482	17	Aug. 25

Chief engineers (inland).

Name.	No. of license.	No. of issue.	Date of issue.
Ambrose, Edward P	3343	11	Mar. 15
Avery, Frederic H	3349	5	Mar. 23
Avery, Addison	3365	24	Apr. 19
Aldrich, Elbert S	3380	3	May 4
Armstrong, Walter W.	3399	22	May 25
Avery, Henry	3524	30	Nov. 6
Beebe, Lewis W	3307	2	Jan. 2
Bennett, Perkins C	3356	22	Apr. 1
Bennett, Charles H	3361	15	Apr. 7
Brooks, Sanford	3369	13	Apr. 22
Brown, James P	3384	6	May 8
Bailey, John C	3387	17	May 10
Bennett, William P	3392	9	May 18
Boose, Samuel H	3420	20	June 24
Bidwell, Francis A	3424	32	June 28
Babbidge, Clarence E	3427	9	July 1
Beckwith, Frank K	3436	18	July 10
Burdick, George S	3439	3	July 13
Brooks, John C	3441	22	July 14
Bonning, William C	3448	12	July 20
Baxter, William H	3450	7	July 27
Byrne, Lewis J	3484	3	Sept. 1
Bump, Benjamin F	3487	8	Sept. 3
Buell, John H	3489	6	Sept. 4
Brewster, Everett F	3491	16	Sept. 9

Chief engineers (inland)—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Burrows, William A	3514	3	Oct. 21
Brooks, Charles E	3526	16	Nov. 8
Crumb, Henry A	3301	18	Jan. 2
Cole, Marcus P	3305	8	Do.
Chadwick, Harry	3306	6	Do.
Case, Grover W	3320	6	Jan. 25
Champlin, Russel C	3322	15	Jan. 27
Chapman, Edward C	3335	17	Mar. 8
Coit, Simon F	3351	23	Mar. 25
Cordner, Frank H	3352	15	Mar. 29
Clark, Ralph E	3360	17	Apr. 7
Conlan, Thomas H	3370	12	Apr. 22
Clifford, P. W	3371	20	Apr. 24
Corwin, Herbert R	3379	16	May 1
Cary, John E	3408	13	June 8
Clark, John W	3412	3	June 9
Cone, William H	3435	20	July 9
Case, William E	3438	18	July 13
Cole, Simeon E	3457	25	Aug. 4
Cummings, Joseph F	3461	3	Aug. 7
Cadwill, John B	3477	6	Aug. 18
Chapman, Edgar I	3490	11	Sept. 8
Culver, Stephen C	3499	20	Sept. 15
Champlin, Charles	3511	16	Oct. 16
Cole, Ernest L	3533	10	Nov. 23
Crocker, Henry A	3536	15	Nov. 27
Douglass, Morrison D	3315	15	Jan. 19
Dewire, Philip	3328	7	Feb. 11
Dunn, John	3347	18	Mar. 23
Dadmun, James N	3374	9	Apr. 28
Dennis, Frederick L	3440	9	July 13
Dean, Richard W	3460	15	Aug. 7
Davis, Luther G	3466	16	Aug. 10
Dadmun, George W	3498	19	Sept. 14
Donahue, Owen B	3545	17	Dec. 20
Entwistle, Alex	3302	3	Jan. 2
Egan, Michael P	3368	8	Apr. 21
Edwards, J. Irving	3389	6	May 11
Evans, Richard	3390	14	May 12
Edwards, Frank	3422	17	June 24
Edwards, Thomas M	3431	14	July 1
Edwards, Clarence E	3444	13	July 17
Ewen, George H	3485	18	Sept. 1
Foisey, Joseph A	3303	15	Jan. 2
Foley, Frederick D	3312	4	Jan. 13
Field, George A. M	3340	10	Mar. 11
Fish, Edwin A	3372	15	Apr. 24
Foley, William J	3403	9	May 31
Faulkner, William J	3416	13	June 19
Fones, William A	3433	17	July 6
Faulkner, Samuel B	3437	22	July 12
Fitch, Marshall R	3446	23	July 17

Engineers licensed—New London, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Forbes, Miner	3478	29	Aug. 19
Fink, William B	3494	13	Sept. 11
Fealey, James A	3508	13	Oct. 14
Gardner, Rio	3317	13	Jan. 21
Gannon, Andrew M	3326	7	Feb. 5
Gates, Daniel W	3333	9	Feb. 17
Geer, Albert P	3342	14	Mar. 15
Granniss, J. Fred	3400	8	May 26
Gresham, Benjamin D	3410	17	June 8
Gilmore, Philip	3411	14	June 9
Green, William B	3413	12	June 10
Guest, Henry W	3423	18	June 28
Gardner, Herbert F	3425	9	Do.
Goodale, George	3428	3	July 1
Gourley, Whittaker D	3452	16	July 29
Gardner, Horace R	3454	10	Do.
Geer, William H	3464	27	Aug. 9
Greenlaw, George M. C.	3481	16	Aug. 25
Green, William M	3496	4	Sept. 14
Gibbons, George W	3520	28	Oct. 28
Goddard, Ralph H	3532	9	Nov. 22
Greenlaw, Nathaniel P.	3543	9	Dec. 14
Havens, Edward W	3316	7	Jan. 20
Hoskins, Harry B	3323	10	Jan. 29
Hanley, Thomas	3329	16	Feb. 13
Hulse, Edwin S	3348	3	Mar. 23
Hodgdon, Hiram M	3367	14	Apr. 20
Harvey, Charles	3377	10	Apr. 29
Hull, Henry E	3391	23	May 15
Hess, Casper	3394	11	May 19
Home, Charles	3449	11	July 22
Halsey, Everett E	3458	16	Aug. 6
Hovey, Philo B	3468	14	Aug. 12
Holmes, William E	3470	4	Do.
Holdredge, Nelson S	3476	21	Aug. 17
Hewitt, Truman H	3506	4	Oct. 6
Hamilton, Philip S	3513	2	Oct. 20
Hanson, Gustave S	3517	2	Oct. 23
Haskell, Daniel E	3539	1	Dec. 7
Hubbard, Hendley W	3541	9	Dec. 11
Jeffrey, William F	3336	18	Mar. 9
James, John R	3500	26	Sept. 17
Kinney, William W	3341	4	Mar. 13
Kinney, Charles H	3396	7	May 19
Klein, Edwin J	3530	12	Nov. 20
Leek, Frank R	3313	9	Jan. 14
Loper, Clarence E	3350	10	Mar. 25
Lynch, Owen J	3395	8	May 19
Leek, John R	3401	14	May 28
Locker, Frederic	3405	9	June 1
Layman, M. S	3429	11	July 1
Latham, Frank W	3467	20	Aug. 10
Latham, John N	3480	5	Aug. 21
Leonard, James H	3516	1	Oct. 23
Leahy, Jerry	3525	22	Nov. 6
Lang, Henry	3528	9	Nov. 10
Mousell, M. Alexander.	3304	1	Jan. 2
MacCulloch, Hugh	3308	3	Jan. 6
Maynard, Fitch	3318	25	Jan. 23
MacNearney, James	3319	5	Jan. 25
Morris, Hendley W	3338	15	Mar. 10
Maxon, George E	3359	11	Apr. 5
MacNairney, Martin	3381	9	May 4
Mather, George A	3388	25	May 10
Munger, A. N	3418	13	June 22
Martin, Charles H	3432	4	July 3
Merry, Orrin F	3434	16	July 8
Murphy, James E	3451	13	July 28
McIntosh, Albert	3455	12	July 31
Mason, Thomas J	3463	13	Aug. 7
Morley, James H	3473	28	Aug. 14
McLean, Nicholas M	3512	29	Oct. 18
Murphy, James P	3521	14	Nov. 1
Moloney, John	3529	8	Nov. 18
MacNanney, Frank	3540	4	Dec. 8
North, William H	3373	5	Apr. 27
Noland, Frank L	3375	7	Apr. 28
O'Connell, Dennis D	3518	1	Oct. 26
Parke, Russell F	3310	27	Jan. 8
Chief engineers (inland)—Continued.			
Perkins, Andrew J	3344	6	Mar. 17
Preston, Milbourne C	3357	5	Apr. 5
Page, Charles	3376	7	Apr. 29
Pease, James R	3397	24	May 24
Perkins, Avery C	3406	19	June 1
Perkins, James B	3407	7	June 2
Potter, Frank W	3462	10	Aug. 7
Pierce, Charles J	3504	12	Oct. 4
Palmer, Gilbert L	3515	1	Oct. 23
Perkins, Ira A	3531	16	Nov. 22
Ransom, John M	3309	14	Jan. 7
Ritchie, William E	3321	6	Jan. 27
Root, Charles S	3339	2	Mar. 10
Robinson, Stafford J	3358	5	Apr. 5
Richards, Frank G	3402	15	May 28
Reynolds, Charles E	3414	16	June 11
Riel, James D	3453	17	July 29
Roberts, George E	3459	7	Aug. 6
Rogers, Lewis H	3488	20	Sept. 4
Ramsdall, Alvra H	3502	22	Sept. 28
Robinson, George W	3537	21	Dec. 7
Sjostrom, Alexander	3325	1	Feb. 1
Saunders, Frank L	3327	7	Feb. 11
Stedman, Simeon	3332	9	Feb. 15
Sheflott, Wilbur R	3337	6	Mar. 10
Stanton, John W	3346	28	Mar. 23
Sutton, William J	3354	10	Mar. 30
Smith, John C	3355	29	Do.
Satterlee, J. S	3362	5	Apr. 7
Smith, Melville	3364	24	Apr. 19
Steward, Charles G	3386	9	May 8
Smith, Frank J	3409	6	June 8
Starbrand, John	3417	9	June 19
Stebbins Thomas P	3443	8	July 16
Spink, Boone A	3447	11	July 19
Smith, William H	3475	2	Aug. 19
Stoddard, Warren D	3483	9	Aug. 26
Shailer, H. Oscar	3486	11	Sept. 2
Spaulding, Luzerne	3519	8	Oct. 28
Seamon, Edward C	3522	17	Nov. 3
Sanford, Hopkins A	3523	18	Do.
Sheldon, Richard	3534	8	Nov. 23
Smith, Charles H	3535	17	Nov. 26
Smith, Luther C	3538	5	Dec. 7
Spenner, Peter	3542	8	Dec. 14
Schultze, Albert	3546	8	Dec. 24
Todd, George W	3324	3	Jan. 29
Thayer, John H	3398	16	May 24
Thompson, William B	3404	12	June 1
Thompson, William J	3493	12	Sept. 10
Traver, Jeremiah F	3495	8	Sept. 14
Tallman, John E	3503	11	Sept. 30
Thomas, Richard	3544	6	Dec. 17
Vinal, John P	3378	2	May 1
Vail, Daniel E	3393	6	May 18
Winters, James M	3311	4	Jan. 9
Williams, Eugene B	3314	20	Jan. 19
Williams, Frederic A	3334	12	Feb. 24
Wilcox, William C	3345	7	Mar. 20
Wilcox, Charles H	3353	20	Mar. 30
Welden, Clark T	3382	2	May 5
Whittemore, F. M	3421	7	June 24
Wilbur, Charles H	3465	15	Aug. 10
Waldron, William	3492	22	Sept. 10
Wiggins, James W	3505	25	Oct. 5
Weaver, Lathrop P	3509	2	Oct. 15
Winslow, Gilbert L	3527	1	Nov. 10
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Aegard, Edward M	2333	14	Apr. 19
Ashbey, Fred P	2345	15	May 28
Allen, Frank G	2363	9	July 10
Avery, Giles A	2398	10	Sept. 11
Brown, James H	2304	1	Jan. 2
Benson, Edward H	2323	8	Mar. 20

Engineers licensed—New London, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Beach, J. Henry	2335	10	Apr. 20
Bullard, Henry	2348	9	June 3
Bishop, George H	2349	20	June 7
Bushnell, Herbert E	2352	8	June 17
Bixby, Eugene F	2356	6	June 19
Beebe, Albert M	2365	20	July 12
Brumaid, Adelbert E	2367	9	July 27
Brigham, William M	2380	13	Aug. 16
Baldwin, Frank H	2391	17	Aug. 28
Buell, Adelbert D	8601	1	Sept. 22
Beebe Frederick R	8613	2	Nov. 20
Coggshall, Albert H	2305	4	Jan. 8
Champlin, George	2314	7	Mar. 8
Capron, Thomas E	2322	9	Mar. 20
Champion, S. Eugene	2327	16	Apr. 5
Cassan, Henry	2336	6	Apr. 27
Cunningham, Wm. H	2338	7	May 6
Champion, Leonard A	2373	6	Aug. 2
Davis, Charles H	2307	4	Jan. 20
Duncan, John	2376	24	Aug. 7
Ebbetts, John P	2326	6	Apr. 5
Edwards, Arthur J	2347	3	May 31
French, Miles H	2346	3	May 29
Gee, John S	2325	19	Apr. 2
Garlick, Charles H	2369	3	July 27
Garretson, Elmer E	2400	6	Sept. 22
Griswold, Servilius A	8622	27	Dec. 15
Heenan, P. H	2302	32	Jan. 2
Hollister, Martin T	2316	22	Mar. 9
Hancock, Charles E	2350	2	June 9
Hubbard, William E	2358	2	June 24
Hill, Charles C	2368	11	July 27
Hollister, Roswell	2370	12	July 28
Hughes, Charles M	2385	16	Aug. 23
Herreshoff, John B	2389	7	Aug. 28
Horton, William W	2392	6	Aug. 30
Hammond, William P	8607	18	Oct. 28
Hornbey, Richard E	8610	13	Nov. 18
Hood, Samuel	8615	17	Nov. 26
Jones, Charles T	2394	17	Sept. 1
Kennier, William H	8617	10	Dec. 1
Littlejohn, Charles F	2315	5	Mar. 8
Linnen, Richard	2357	6	June 23
Loper, William D	2371	7	July 29
Lybeck, John R	8608	2	Nov. 4
Maloy, Thomas	2303	11	Jan. 2
Moore, Luther D	2342	4	May 18
Munger, Everett P	2343	17	May 20
McNearney, Joseph P	2353	5	June 18
Morgan, Augustus V	2354	12	Do.
Mortimer, Harry L	2355	13	June 19
Martland, Thomas Z	2364	23	July 12
McNally, John	2382	15	Aug. 19
Miner, Samuel A	2390	5	Aug. 28
Morgan, Henry	2393	10	Sept. 1
Morgan, F. W	8602	13	Sept. 24
Morgan, Washington M	8623	11	Dec. 27
McLaughlin, J. Frank	8624	2	Do.
Nelson, Dominick	2313	11	Mar. 8
Newton, William E	2399	2	Sept. 16
Odber, William E	2397	10	Sept. 11
Payne, Alonzo H	2309	10	Feb. 9
Packer, Henry C	2396	1	Sept. 8
Peckham, William M	8606	14	Oct. 18
Redmond, William H	2340	17	May 11
Riel, Reuben	2366	18	July 16
Reed, John U	2372	5	July 29
Ray, Bertrand A	2388	1	Aug. 25
Raymond, Ralph B	8612	8	Nov. 20
Selleck, Frederick S	2306	3	Jan. 9
Steward, George W	2341	24	May 13
Sparrow, Amos L	2361	19	July 3
Sheffield Benjamin F	2387	16	Aug. 25
Smith, Elmer H	8609	9	Nov. 9
Saunders, William	8616	4	Dec. 1
Savin, Michael E	8618	11	Dec. 4
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Thomasson, Frank	2320	3	Mar. 17
Talbot, John F	2330	11	Apr. 15
Thuer, Alexander F	2359	3	June 29
Tyler, Melvin I	2375	9	Aug. 6
Vail, Herbert G	2327	2	May 6
Wederlenich, Francis C	2344	1	May 26
Wise, Edward H	2360	13	July 2
Welsen, Harmon H	2377	8	Aug. 10
Walsh, Michael	8604	12	Oct. 13
Wilcox, George E	8605	5	Oct. 15
First assistant engineers (ocean).			
Berrier, Jake	2384	5	Aug. 21
Powers, Richard J	2381	3	Aug. 19
First assistant engineers (inland).			
Briggs, George R	2324	8	Mar. 29
Conroy, William	2331	10	Apr. 16
Clark, Carl H	8603	1	Sept. 30
Dolbeare, Wilson E	2301	1	Jan. 2
Doyle, Richard T	8620	2	Dec. 7
Edwards, Charles B	2312	10	Mar. 3
Foisey, Charles A	2351	15	June 10
Gilmore, James	2318	2	Mar. 15
Grimes, Albert R	2319	2	Mar. 16
Gibbons, George W., jr.	2362	5	July 9
Gilbride, Thomas	8614	4	Nov. 16
Harris, Albert	2317	17	Mar. 10
Holt, Frank T	2328	4	Apr. 7
Howard, George B	2378	2	Aug. 12
Hodgkins, Francis D	2386	6	Aug. 24
McCormick, John H	2321	4	Mar. 19
McIntosh, George	2334	6	Apr. 29
Maynard, Byron	8619	11	Dec. 6
Proper, Benjamin M	2310	17	Feb. 11
Richmond, Jesse W	2374	1	Aug. 4
Sheehan, Timothy	2308	14	Feb. 2
Simpson, Robert J	2332	8	Apr. 19
Sullivan, John C	2383	6	Aug. 21
Tallman, Herbert	8611	1	Nov. 19
West, William	2395	15	Sept. 4
Second assistant engineers (inland).			
Friend, George W	2339	3	May 10
Gilmore, James E	2329	5	Apr. 14
Van Wart, Edward L	2311	8	Feb. 17
Vickery, Robert J	8621	6	Dec. 14
Third assistant engineer (ocean).			
Carroll, George G	2379	1	Aug. 13
Special engineers.			
Atherton, John	703	3	Mar. 30
Gaffga, John S	707	5	June 29
Hawkins, J. W	704	6	Apr. 13
Holmes, Rodolphus H	706	5	May 13
Hollister, Leonard	708	14	July 14
Hines, Charles	712	6	Oct. 20
Loper, Alexander P	711	2	Sept. 22
Maxson, J. Irving	702	11	Jan. 2
Parmelee, Charles B	709	4	Sept. 18
Palmer, Robert, jr	713	8	Nov. 6
Ryan, Edward	710	3	Sept. 18
Story, Thomas W	705	7	May 7
Sweet, William F	714	4	Nov. 17
Trail, Daniel M	701	1	Jan. 2

LOCAL DISTRICT OF PHILADELPHIA, PA.

Masters licensed during the year ended December 31, 1897—Philadelphia, Pa.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Baring, Charles	3358	6	Mar. 16	McMunn, Freeling	3387	15	Apr. 19
Burns, Frederick	3373	1	Mar. 31	Power, Hannon M	3369	5	Mar. 29
Beynon, Winslow A	3473	12	June 15	Phillips, C. W	3526	11	July 27
Calberg, Andrew	3314	3	Jan. 19	Rodman, Christopher	3305	4	Jan. 4
Christophersen, M	3535	7	Aug. 2	Rand, James H	3310	12	Jan. 7
Cooper, Ralph V. M	3555	14	Aug. 25	Risley, Ezra B	3588	6	Oct. 4
Croskey, Alfred	3593	3	Oct. 8	Rowe, Charles M	12626	6	Nov. 17
Chapman, Henry D	12614	6	Nov. 8	Roberts, Edward V	12632	9	Nov. 27
Daddow, John	3351	1	Mar. 10	Smith, Arthur	3360	6	Mar. 19
Doxrud, Hans Dredrek	3445	8	June 2	Scott, William	3405	7	May 1
Engle, Peter	3597	4	Oct. 12	Smith, Alfred H	3430	17	May 22
Francke, Emil	3401	3	Apr. 27	Sargent, Redford A	3443	8	May 31
Fleming, Henry C	3531	14	July 30	Smith, Edward A	3457	4	June 10
Forbes, James D	12646	4	Dec. 21	Stousland, John	12648	6	Dec. 22
Herreman, Charles F	3335	1	Feb. 17	Thompson, William H	3321	5	Feb. 1
Henry, William E	3339	15	Feb. 23	Truchsess, Max	12634	1	Dec. 1
Henscheen, John C	3417	4	May 14	Watkins, John	3333	1	Feb. 16
Herreman, Henry W	12603	6	Oct. 23	Wiborg, Jacob Henrik Jasper	12649	1	Dec. 24
Kreebohm, Paul H	12630	2	Nov. 26				
Landry, Augustine	3307	4	Jan. 5				

Masters and pilots licensed during the year ended December 31, 1897—Philadelphia, Pa.

Adams, John W	3341	11	Feb. 24	Cooper, William H	3503	26	July 10
Anderson, Peter G	3395	17	Apr. 26	Chase, Joshua G	3520	11	July 23
Alexander, Joseph	3424	23	May 20	Cone, Nathan	3521	28	July 24
Allen, Daniel P	3439	21	May 28	Cherry, James L	3522	15	July 26
Arey, David L	3444	9	June 1	Corliss, Johiel	3540	27	Aug. 6
Atkins, Custus W	3586	11	Sept. 30	Chester, Hosea R	3564	7	Sept. 1
Bennett, James M	3326	18	Feb. 8	Campbell, David	3572	7	Sept. 14
Bennett, Napoleon	3328	8	Feb. 10	Chambers, Robert G	12612	1	Nov. 3
Black, Francis B	3331	6	Feb. 15	Chester, Harry S	12623	11	Nov. 16
Byrne, Patrick	3345	26	Mar. 5	Chandler, Ebe T	12629	2	Nov. 23
Bacon, Andrew N	3349	17	Mar. 9	Duey, Andrew N	3312	15	Jan. 11
Brown, John H	3370	25	Mar. 30	Dougherty, James	3338	14	Feb. 20
Bloomsburg, Peter	3376	15	Apr. 6	Derrickson, Joshua J	3363	5	Mar. 25
Bull, William T	3384	19	Apr. 19	Davis, George H	3398	27	Apr. 27
Blocksom, Richard	3399	5	Apr. 27	Dahl, Wilhelm T	3406	9	May 3
Bernard, William T	3414	12	May 11	Denny, Samuel M	3446	28	June 3
Baynum, James M	3442	4	May 31	Denny, James A	3447	20	Do.
Bacon, Daniel D	3469	15	June 15	Davis, William J	3495	24	July 3
Burton, Fred	3477	1	June 21	Denny, Joseph G	3515	19	July 21
Bellvon, George W	3487	23	June 28	Daisey, Eber A	3523	9	July 27
Burton, Isaac A	3491	12	June 29	Davis, James	3530	23	July 30
Barleff, Robert M	3499	18	July 8	Dailey, Andrew	3536	26	Aug. 2
Bacon, Joseph	3508	14	July 15	Daisey, Elihu R	3541	27	Aug. 7
Brown, Daniel D	3514	18	July 20	Demaris, Charles	3554	12	Aug. 25
Bedwell, Arthur J	3534	23	July 31	Davis, Joshua	3570	27	Sept. 7
Brown, Theodore J	3545	17	Aug. 16	Dahl, William	3571	21	Do.
Bowen, George W	3551	16	Aug. 24	Dalbow, Theodore B	12610	9	Oct. 30
Barrett, Leonard D	3559	10	Aug. 28	Durborough, John C	12637	12	Dec. 3
Bartlett, William J	3560	12	Do.	Deckman, Charles B	12638	19	Dec. 4
Boole, William T	3561	22	Aug. 30	Darby, Miers J	12643	30	Dec. 18
Barnes, John M	3590	1	Oct. 5	Eldredge, Jeremiah L	3315	19	Jan. 19
Blockson, Jesse	12609	27	Oct. 30	Evans, Joshua B	3380	8	Apr. 13
Bryant, C. T	12640	16	Dec. 7	English, David B	3416	8	May 13
Clark, Henry	3302	13	Jan. 4	Eldredge, Francis S	3432	10	May 24
Campbell, Lewis M	3319	1	Jan. 27	Edger, Benjamin J	3461	14	June 12
Collins, William	3344	15	Mar. 4	Edwards, Frank G	3489	9	June 29
Cannon, Richard P	3375	11	Apr. 5	Edwards, Edward B	3592	22	Oct. 8
Chase, Henry S	3389	11	Apr. 20	Fenton, Andrew J	3354	20	Mar. 13
Cain, Enos W	3407	20	May 4	Fenimore, Isaiah R	3357	1	Mar. 16
Chapman, William C	3408	12	Do.	Frambes, Joseph D	3388	5	Apr. 20
Cleaver, George A	3413	13	May 6	Fenton, Charles H	3438	22	May 27
Cook, John	3419	5	May 17	Fengar, Charles C	3448	11	June 3
Chester, Joseph R	3425	26	May 20	Fowler, Samuel J	3472	15	June 15
Collar, Andrew J	3427	24	Do.	Ford, William	3501	32	July 8
Cavanaugh, Martin	3431	12	May 22	Follett, Hiram	3548	23	Aug. 23
Chase, William T	3449	6	June 4	Fraser, George D	3581	10	Sept. 23
Cullen, Nathaniel L	3458	16	June 11	Fulmer, George W	12604	27	Oct. 25
Crowell, Horace	3460	14	June 12	Fowler, John T	12645	17	Dec. 21
Clark, James W	3463	27	June 14	Gray, John	3334	18	Feb. 17
Chase, Silmon G	3494	12	July 1	Grupp, William	3337	6	Feb. 18

Masters and pilots licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Godfrey, Harrison	3350	12	Mar. 9
Goslee, Robert W	3396	14	Apr. 26
Grace, William H	3440	20	May 29
Goslee, Edward S	3455	24	June 10
Gibbons, Edward	3579	17	Sept. 23
Hughes, Hugh M	3313	6	Jan. 14
Hansen, Jens	3352	17	Mar. 13
Heacock, John	3353	23	Do.
Heathcote, Joseph	3364	10	Mar. 26
Hudson, William D	3365	18	Do.
Husted, James B	3368	17	Mar. 29
Horner, George W	3371	6	Mar. 31
Hamilton, James B	3382	3	Apr. 15
Hartman, Samuel H	3385	16	Apr. 19
Henderson, S. S., jr	3390	9	Apr. 20
Hand, Henry	3392	10	Apr. 23
Hughes, Matthew	3411	10	May 5
Hall, Charles	3415	7	May 13
Hand, Leonard	3422	11	May 18
Houck, William H	3434	14	May 25
Henderson, John H	3437	8	May 27
Hughes, Samuel	3441	9	May 31
Hemphill, James	3453	7	June 7
Higgins, Lewis H	3456	17	June 10
Hoover, James W	3468	28	June 15
Hewett, Thomas S	3481	7	June 22
Hatch, Alvin R	3490	7	June 29
Hann, John S	3496	21	July 6
Hallinger, David B	3500	24	July 8
Hullfish, Benjamin	3532	19	July 30
Hall, John D	3546	25	Aug. 17
Holt, Handy P	3549	18	Aug. 24
Hall, George A	3578	7	Sept. 22
Hand, Furman	3582	27	Sept. 24
Hillman, Edward	12615	25	Nov. 9
Hattrick, James R	12624	25	Nov. 17
Irelan, John S	3474	16	June 16
Israel, Frank S	3562	7	Aug. 31
Jardella, W. W	3361	10	Mar. 20
Justice, Jacob K	3372	16	Mar. 31
Jackson, William T	3403	14	Apr. 29
Jones, John	3471	6	June 15
Justice, William A	3507	15	July 13
Jackson, Jonathan R	3550	18	Aug. 24
Jenkins, Evan	3558	16	Aug. 27
Jacobs, William F. R	3575	17	Sept. 17
Kirwan, John T	3464	16	June 14
Kelley, Charles	3483	21	June 24
Kelley, John F	3517	8	July 21
Kelley, George W. C	3518	5	July 22
King, Robert W	3576	14	Sept. 18
Kirk, Howard W	3591	11	Oct. 7
Kelley, Charles M	12620	25	Nov. 15
Leeman, Samuel	3301	9	Jan. 2
Lenox, De Boss	3332	22	Feb. 16
Ludlam, Thomas S	3362	8	Mar. 23
Laimir, Cæser A	3377	6	Apr. 7
Lent, William D	3378	2	Apr. 8
Lawsen, Hamilton B	3381	14	Apr. 14
Lang, William H	3383	9	Apr. 19
Lackey, George W	3410	20	May 4
Lank, James A	3502	19	July 9
Locke, Thomas G	3506	12	July 12
Laughlin, Samuel	3512	16	July 17
Long, William	3525	17	July 27
Lengo, Salathiel B	3543	5	Aug. 4
Lee, Lewis S	3577	1	Sept. 21
Lendel, Millard F	3580	20	Sept. 23
Lute, Richard W	3589	22	Oct. 5
Loveland, Charles D	3594	6	Oct. 12
Lynch, Joshua T	12611	28	Nov. 1
Lane, Sylvester C	12625	13	Nov. 17
Melville, Henry E	3316	20	Jan. 22
Mattson, Abner A	3320	26	Jan. 30
Metcalf, John H	3322	4	Feb. 4
Minford, William J	3386	26	Apr. 19
Merrill, Henry O	3397	16	Apr. 26
Mallison, Joseph	3418	12	May 14
Moncrief, Charles	3452	16	June 7
Milliner, Thomas H	3462	6	June 14
Mullin, Bartley	3467	12	June 15
Mulford, Jonathan J	3476	25	June 18
Miller, Abraham B	3486	27	June 26
Morehouse, Albert	3492	26	June 29
Melson, William N	3493	16	June 30
Miller, Harry S	3511	9	July 17
Mathews, David L	3544	7	Aug. 14
Marshall, Jerry	3585	21	Sept. 29
Megathlin, Anthony S.	3596	18	Oct. 12
Magee, Charles H	12618	17	Nov. 11
Minford, William J., jr.	12621	5	Nov. 15
Martin, Patrick F	12631	14	Nov. 27
Maxson, Nathan H	12641	4	Dec. 10
McCue, Simon F	3304	14	Jan. 4
McQuilkin, George	3318	8	Jan. 27
McDade, Joseph	3330	25	Feb. 12
McKeever, William	3346	17	Mar. 6
McIntyre, Joseph H	3391	17	Apr. 21
McIntyre, James	3426	23	May 20
McDade, Lewis	3529	13	July 29
McGrody, Michael J	3598	25	Oct. 12
McGloughlin, Jos. M	12627	27	Nov. 19
Norman, Wrexham W.	3553	1	Aug. 24
Nickerson, Phineas A.	3584	25	Sept. 28
Norton, John W	3600	18	Oct. 18
Nelling, J. Brook	12601	12	Oct. 20
Nugent, Richard F	12628	10	Nov. 20
O'Neill, James	3470	18	June 15
Ostrom, John D	3498	24	July 7
Osborn, Charles H	3528	6	July 29
O'Neill, Charles	12606	14	Oct. 28
Perring, Henry C	3317	9	Jan. 23
Perkins, Benjamin F	3340	26	Feb. 23
Pierce, Joshua	3379	14	Apr. 12
Pierce, Edward	3412	24	May 6
Peterson, Alfred T	3420	26	May 17
Pierce, James H	3478	13	June 22
Passwaters, John	3488	6	June 29
Passwaters, Levi M	3519	24	July 23
Pierce, Benjamin F	3537	14	Aug. 2
Pedrick, Samuel	3539	5	Aug. 6
Plummer, Ernest M	3547	7	Aug. 17
Phillips, George H	3552	7	Aug. 24
Pardee, Thomas	3583	4	Sept. 28
Quicksall, Joseph	3366	16	Mar. 29
Quillen, William R	3400	7	Apr. 27
Reed, Charles	3336	27	Feb. 17
Rea, Daniel D	3342	13	Feb. 27
Rodgers, William J	3348	17	Mar. 8
Richards, John B	3423	25	Mar. 18
Reybold, Philip	3428	23	May 21
Ray, Thomas J	3429	5	Do.
Robinson, William C	3451	18	June 4
Rodan, Thomas	3484	15	June 24
Robinson, William	3505	23	July 12
Roach, William E	3527	16	July 27
Rogers, Henry C	3567	9	Sept. 3
Sablich, John	3311	15	Jan. 9
Shearer, George B	3323	27	Feb. 5
Swenson, Axel	3324	4	Feb. 8
Snow, Stillman W	3325	23	Do.
Steelman, George M	3356	10	Mar. 16
Shuman, Samuel G	3393	26	Apr. 24
Spalding, George H	3436	20	May 25
Steelman, William	3465	15	June 15
Smith, Charles H	3480	13	June 22
Scott, Walter	3485	26	June 24
Shaw, Thomas B	3497	18	July 7
Sooy, Thomas C	3524	12	July 27
Summons, Lawrence	3533	20	July 31
Steen, Edward	3542	27	Aug. 11
Sooy, Joseph	3556	6	Aug. 26
Simpkins, Joseph	3599	31	Oct. 13
Springer, John T	12605	24	Oct. 26
Shropshire, Israel R	12608	27	Oct. 30
Segars, George M	12,622	14	Nov. 15
Shoe, John G. S	12,636	7	Dec. 2
Sullivan, John	12,639	13	Dec. 6
Sullivan, John R	12,650	14	Dec. 28
Somers, William H	12,651	21	Dec. 29
Trout, Christopher	3,309	26	Jan. 6
Townsend, Van Doren	3,355	12	Mar. 16

Master's and pilots licensed—Philadelphia Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Tunnell, James S	3,359	26	Mar. 17	West, John T	3,306	6	Jan. 5
Tucker, Maurice	3,374	6	Mar. 31	Wilson, Robert E	3,308	9	Jan. 6
Truett, John F	3,404	20	May 1	Wilson, Horace	3,327	13	Feb. 9
Tilton, Luther B	3,421	7	May 17	Walker, George T	3,229	5	Feb. 11
Thompson, Henry L	3,459	6	June 12	Willetts, Washington S	3,343	24	Mar. 1
Tracy, John W	3,482	22	June 23	Wright, Mahlon	3,347	21	Mar. 6
Tulles, James	3,509	23	July 16	Warren, Harry A	3,367	10	Mar. 29
Truax, Eben E	3,510	18	Do.	Warren, Robert	3,394	19	Apr. 26
Tyler, George F	3,516	20	July 21	Warren, John T	3,402	27	Apr. 28
Townsend, Japhet M	3,538	13	Aug. 4	Wilson, John A	3,435	24	May 25
Thompson, Harrison A	3,562	7	Aug. 31	West, Samuel	3,450	3	June 4
Taylor, Joseph	3,569	11	Sept. 7	Walton, Charles	3,466	26	June 15
Taylor, Miles S	3,595	12	Oct. 12	Wilson, James	3,479	24	June 22
Trout, Harry B	12,619	18	Nov. 12	West, Henry C	3,504	21	July 12
Tillack, Charles	12,633	16	Nov. 30	Wiley, John P	3,513	26	July 19
Townsend, Enoch D	12,635	12	Dec. 1	Wheeler, Charles A	3,565	14	Sept. 1
Tracy, John	12,643	22	Dec. 13	Williamson, John	3,566	28	Sept. 2
Umstead, William E	3,557	13	Aug. 27	Wood, Thomas D	3,573	5	Sept. 14
Vansant, George C	3,409	4	May 4	Williamson, Justus L	3,587	15	Oct. 1
Vansant, Gilbert M	3,433	13	May 24	Walker, Frank H	12,602	16	Oct. 21
Verden, John R	3,454	4	June 8	Weatherby, Charles W	12,607	30	Oct. 29
Vankirk, Thomas S	3,475	19	June 16	Waters, Frank	12,613	16	Nov. 8
Vansciver, Asa	3,568	11	Sept. 4	Watkins, John W	12,616	2	Nov. 9
Vaughan, James H	3,574	18	Sept. 17	Woodall, John	12,617	8	Do.
Verden, Thomas J	12,647	1	Dec. 21	Worrell, William C	12,644	18	Dec. 20
Webb, Hiram	3,303	16	Jan. 4				

Mates licensed during the year ended December 31, 1897—Philadelphia, Pa.

Anderson, Adolph	970	3	Oct. 18	Jackel, Frederick J	965	2	July 7
Botsen, Bernard	958	2	Mar. 30	Moore, Clarence C	968	4	Sept. 7
Busselberg, Heinrich	964	6	July 7	Pocchiolci, Victor J	971	1	Nov. 3
Chadwick, John K	960	1	May 6	Stoll, Charle B	954	1	Mar. 9
Edthofer, F. X	962	2	May 28	Smith, Charles N	966	5	July 22
Garrett, Charles A	956	9	Mar. 19	Toon, George H	961	2	May 19
Hammond, Philip J	951	16	Jan. 4				

Mates and pilots licensed during the year ended December 31, 1897—Philadelphia, Pa.

Armstrong, William L	969	3	Oct. 12	Lloyd, Thomas M	953	8	Jan. 18
Bleedecker, Abraham	955	4	Mar. 16	Lanman, Clarence H	972	8	Dec. 7
Briggs, John O	955	12	Apr. 30	Robinson, William J	967	14	Aug. 26
Cummings, Leslie J	952	6	Jan. 7	Wartbichler, Frank	957	1	Mar. 24
Greaves, Hugh J	963	8	June 10				

Pilots licensed during the year ended December 31, 1897—Philadelphia, Pa.

First-class pilots.				*First-class pilots*—Continued.			
Baker, John R	1507	12	Jan. 19	Cassedy, Wilbur	6312	5	Nov. 1
Bacon, James F	1508	12	Jan. 27	Campbell, Robert	6315	7	Nov. 9
Brand, Charles W	1513	7	Feb. 11	Collins, Willard H	6318	17	Nov. 30
Bull, James F	1535	7	Apr. 23	Davidson, Charles T. H	1528	11	Mar. 27
Boddingham, Robert	1536	16	Apr. 29	Darby, James M	1543	33	May 18
Bates, John P	1538	14	May 4	Dahl, John	6321	14	Dec. 21
Bender, Henry S	1541	23	May 10	Edwards, Samuel	6304	5	Oct. 5
Betts, Thomas W	1548	7	June 4	Futcher, William R	1521	10	Mar. 1
Blocksom, James	1558	5	June 18	Fisher, John H	1592	1	Sept. 8
Boice, Silas	1561	6	June 21	Figgs, James E. W	6307	4	Oct. 19
Brown, William E	1569	2	July 13	Fredericks, William	6317	20	Nov. 17
Boole, George	1587	15	Aug. 31	Garrison, Charles	1509	10	Jan. 30
Bristow, George M	6303	15	Oct. 5	Gray, John F	1529	15	Apr. 1
Campbell, Frazer	1506	11	Jan. 19	Gibble, Selden N	1542	6	May 17
Chew, John D	1526	11	Mar. 23	Giberson, Thomas C	1550	13	June 7
Collar, Harry J	1574	16	July 16	Godfrey, Thomas F	1585	13	Aug. 28
Carroll, Thomas R	1576	9	Aug. 2	Gandy, Benjamin B	1588	9	Sept. 3
Cavileer, David L	1594	5	Sept. 16	Gray, Thomas	6311	12	Oct. 23
Crosby, Eugene	1597	9	Sept. 21	Gates, Joseph	6314	15	Nov. 9
Caylor, Daniel G	6302	5	Oct. 1	Harris, Charles J	1512	2	Feb. 8

Pilots licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Haaskarl, Joseph F	1520	1	Feb. 24
Hiskey, Tilgh M	1531	12	Apr. 6
Harmon, Ferdinand	1544	12	May 24
Henderson, Ludlam M.	1549	11	June 5
Hillman, George	1565	15	July 8
Hewitt, Robert T	1570	7	July 14
Hazel, William H	1577	7	Aug. 5
Herron, James P	1579	6	Aug. 13
Hart, Thomas C	1582	16	Aug. 21
Hughes James	1589	11	Sept. 4
Hurley, William E	1590	3	Do.
Hillman, William	1599	10	Sept. 25
Holloway, James P	6308	8	Oct. 19
Justice, Edward M	1518	5	Feb. 19
Jackson, James L	6322	11	Dec. 23
Keen, John R	1523	17	Mar. 3
Kirk, David	1600	16	Sept. 25
Krouse, William	6319	19	Dec. 6
Ludlam, Charles	1515	7	Feb. 15
Lawsen, Swain	1530	9	Apr. 2
Lingo, John H	1563	4	June 30
Lewis, Harry A	6320	14	Dec. 9
Mattiford, James	1537	18	Apr. 30
Mooney, William E	1545	17	May 25
Mattson, Edward G	1560	11	June 19
Morrix, William H	1564	6	June 30
Munyon, Joseph T	1566	15	July 9
Middleton, William C	6310	9	Oct. 21
Mattson, Charles L	6313	20	Nov. 2
McCaulley, Edward W.	6301	17	Sept. 28
Norris, George	1519	7	Feb. 19
Norcom, Joseph D	1555	10	June 14
Osler, Morris	1595	6	Sept. 21
Pedrick, Joel	1510	17	Feb. 1
Phillips, John E	1527	21	Mar. 27
Perkins, William S	1534	8	Apr. 22
Palmer, William H	1571	11	July 16
Pride, Robert D	1575	16	July 28
Reynolds, Edward G	1503	3	Jan. 15
Russell, Samuel	1514	9	Feb. 19
Roach, Frederick W	1532	9	Apr. 19
Richards, James R	1540	17	May 10
Raffle, William W	1557	3	June 18
Rue, George F	1562	2	June 23
Reeves, Samuel F	1596	14	Sept. 21
Shropshire, Sherman D	1516	12	Feb. 15
Shaw, Levi H	1517	11	Feb. 19
Straugh, Peter A	1522	6	Mar. 3
Suthard, Edward J	1525	1	Mar. 18
Salmons, Edward O	1533	7	Apr. 21
Smith, Charles	1553	7	June 11
Steer, Harry	1556	8	June 18
Sarish, Harry G	1568	14	July 13
Simkins, Charles	1578	27	Aug. 12
Stoney, Alfred B., jr	1580	3	Aug. 19
Shaw, Larnie B	1581	16	Do.
Somers, James L	1583	3	Aug. 23
Strobridge, Samuel J	1586	17	Aug. 31
Salmons, T. Wesley	6305	1	Oct. 6
Sparks, William	6309	17	Oct. 21
Tighe, Louis	1511	1	Feb. 4
Taylor, John E	1547	6	June 1
Truitt, William C	1572	15	July 16
Tettemer, Enoch	1573	3	July 26
Uron, Charles B	6323	8	Dec. 28
Vanderslice, George W	1559	18	June 19
Whitaker, Joseph	1501	17	Jan. 2
Wharton, George	1502	32	Jan. 15
Wills, Charles H	1504	13	Do.
Williams, William W	1505	11	Jan. 18
Westcott, James E	1524	10	Mar. 9
Walls, Eli	1539	13	May 8
Wilson, Edward T	1546	1	June 1
Walls, George H	1551	1	June 10
Webb, John M	1552	1	Do.
Wells, James H	1554	19	June 11
Wilson, Peter	1567	15	July 10
Ward, George W	1591	12	Sept. 8
First-class pilots—Continued.			
Wells, George H	1593	3	Sept. 13
Walls, Thomas P	1598	3	Sept. 22
Wilson, William T	6306	21	Oct. 9
Wolverton, George	6316	12	Nov. 12
Yearicks, William B	1584	20	Aug. 24
Second-class pilots.			
Atkins, Stant B	1743	11	Mar. 11
Abdill, William P	1771	4	Apr. 24
Armstrong, John C	1812	13	June 2
Abdill, Stephen	1940	19	Oct. 18
Brower, Platt, jr	1702	5	Jan. 4
Butler, Alfred A	1717	3	Feb. 2
Bramell, Benjamin	1720	2	Feb. 8
Byrnes, William J	1731	3	Feb. 17
Bennett, Charles F	1737	4	Mar. 3
Boys, Thomas	1746	23	Mar. 19
Brink, Chester W	1750	10	Mar. 23
Burton, John A	1768	6	Apr. 15
Bull, William C	1781	4	May 7
Benson, Benjamin	1798	4	May 19
Bunting, William C	1807	9	May 27
Blocksom, William, jr	1819	6	June 11
Boyer, Fred. C	1834	3	June 24
Bond, John	1871	2	July 27
Box, Alfred	1878	5	July 30
Betts, Frank P	1889	2	Aug. 6
Burbage, Harry W., jr.	1898	8	Aug. 24
Barnes, Smith	1910	18	Sept. 13
Bagley, John J	1924	14	Sept. 24
Baylis, John R	1928	4	Sept. 28
Burch, Harry M	1936	10	Oct. 13
Burton, Pemberton	1946	19	Oct. 29
Blocksom, Samuel L	1950	1	Nov. 3
Bechtel, William	1951	10	Do.
Black, Crosby M	1965	5	Nov. 24
Calhoun, Herbert C	1708	3	Jan. 12
Cassel, Jos. E	1716	2	Feb. 1
Collar, Edwin	1734	3	Feb. 24
Callray, Frank	1745	17	Mar. 13
Carey, Stephen S	1761	11	Apr. 10
Connor, Harry G	1776	12	Apr. 29
Craig, Howard A	1800	6	May 20
Cramer, George H	1804	7	May 24
Curran, James	1828	15	June 18
Corliss, William R	1850	20	July 2
Casey, William	1863	18	July 19
Campbell, William S	1897	7	Aug. 23
Cramer, Charles C	1900	11	Aug. 27
Carey, Joseph F	1908	14	Sept. 11
Cassiday, William H	1919	12	Sept. 21
Corson, Robert	1933	22	Oct. 7
Carpenter, George T	1977	2	Dec. 29
Conrow, Charles C	1979	8	Dec. 31
Dale, Jamas W	1706	1	Jan. 8
Doughty, Salem	1755	8	Apr. 1
Daisey, Charles H	1779	5	May 4
Dolbow, George P. H	1789	2	May 13
Daisey, James H	1794	10	May 17
Draper, John B	1795	5	May 17
Davis, George M	1805	7	May 25
Downs, Joseph G	1826	1	June 16
Darby, Charles E	1827	1	Do.
Davis, Frederick W	1890	7	Aug. 7
Dryden, William	1892	3	Aug. 10
Dolby, Warren	1931	2	Oct. 4
Davidson, Andrew J	1958	1	Nov. 9
Dasey, George H	1970	13	Dec. 1
Dodd, Walter A	1974	19	Dec. 13
English, William S	1777	4	May 3
Eashum, George W	1780	4	May 5
Evans, Alonzo H	1867	5	July 23
Evans, George E	1912	15	Sept. 15
Edwards, Arthur H	1960	1	Nov. 10
Frankenfield, Edw. L	1860	3	July 16
Fleeson, William H	1899	15	Aug. 26
Fifield, Walter	1907	8	Sept. 7

Pilots licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Foster, George	1917	17	Sept. 20
Fowler, Robert S	1963	19	Nov. 22
Gould, David M	1707	8	Jan. 12
Gorman, Edmund	1711	23	Jan. 21
Grupp, William H	1742	1	Mar. 10
Gallagher, William J	1756	1	Apr. 6
Godfrey, Maurice P	1808	8	May 28
Gould, James A	1824	5	June 15
Gray, Joseph S	1838	15	June 28
Hudson, Robert	1710	7	Jan. 21
Harper, Joseph	1740	2	Mar. 8
Harris, Elmer	1744	4	Mar. 11
Hagan, William	1749	14	Mar. 22
Harris, Alford L	1778	19	May 4
Hudson, Willard S	1790	8	May 14
Haines, Francis	1829	10	June 19
Hagan, Charles E	1839	6	June 29
Haverstraw, William C	1842	6	June 30
Hillman, Maurice L	1848	12	July 1
Holt, Lemuel F	1853	15	July 8
Hoesch, Harry J	1868	4	July 24
Hammell, William L	1870	2	July 26
Herron, Edward T	1894	5	Aug. 17
Hagan, Michael H	1902	17	Aug. 31
Hudson, David H	1910	11	Sept. 18
Haberstroh, Charles F	1947	3	Nov. 1
Holmes, Chris	1952	1	Nov. 3
Howard, Eugene W	1959	5	Nov. 10
Herron, Michael	1962	13	Nov. 16
Hubbard, Joseph S	1964	4	Nov. 23
Hendrexson, Edward V	1968	5	Nov. 30
Ingersoll, Robert	1775	18	Apr. 28
Irelan, Edmund S	1792	4	May 17
Isakson, Isak	1938	7	Oct. 16
Jeffries, William N	1821	6	June 14
Johnson, Isaac R	1830	15	June 19
Janney, Edward	1857	7	July 13
Jefferson, Walter C	1911	20	Sept. 14
Kane, Wesley P	1719	3	Feb. 6
Kelly, Frederick	1764	2	Apr. 13
Kerbaugh, George	1852	18	July 6
Kiger, Elwood E	1854	11	July 10
Knox, George D	1906	13	Sept. 7
Knott, John S	1909	8	Sept. 13
Kantner, John J	1966	11	Nov. 26
Lynch, Gideon W	1730	1	Feb. 17
Lankford, William S	1736	12	Mar. 1
Lingo, Edward T	1759	9	Apr. 9
Lang, John	1766	17	Apr. 13
Lambert, John	1806	1	May 25
Lawson, John H	1831	6	June 19
Lee, James L	1865	7	July 20
Le Compt, Paul M	1881	17	July 30
Lingo, Walter A	1891	10	Aug. 9
Lynch, William H	1935	15	Oct. 11
Law, Curtis J	1957	16	Nov. 8
Merrick, Horace C	1709	9	Jan. 14
Mervine, Paul	1722	12	Feb. 10
Martin, Edward F	1724	12	Feb. 11
Marshman, James A	1748	5	Mar. 22
Murray, Nehemiah R	1760	17	Apr. 10
Munyon, Robert	1772	2	Apr. 27
Morris, Albert	1801	13	May 21
Mathis, Harry T	1809	6	May 31
Mears, Cardinal L	1820	7	June 11
Murray, Lee	1872	13	July 27
Malone, John C	1873	17	Do.
Mason, James C	1885	10	Aug. 4
Murray, George F	1918	2	Sept. 2
Moore, Franklin T	1926	3	Sept. 28
Magee, Cardy C	1937	2	Oct. 15
Murray, George R	1945	18	Oct. 28
Miller, Walter M	1953	9	Nov. 5
McIlvain, Charles E	1726	14	Feb. 13
McVay, James	1754	9	Mar. 31
McGrody, Joseph P	1774	3	Apr. 28
McBride, Dominick	1782	14	May 8
McGlensey, John T	1811	14	June 1
Second-class pilots—Continued.			
McCain, Thomas B	1914	14	Sept. 16
Nicholson, Thomas H	1727	12	Feb. 15
Naylor, Edward D	1949	14	Nov. 3
Olssen, John	1729	2	Feb. 17
Olsen, Charles S	1751	10	Mar. 27
Olesen, Ole	1803	6	May 24
O'Neill, John C	1835	15	June 24
Pettyjohn, Theodore T	1769	4	Apr. 19
Palmer, James E	1810	7	May 31
Peterson, Charles F	1813	2	June 2
Powell, Daniel B	1816	7	June 8
Potter, William H	1817	9	June 10
Pruitt, Joseph S	1886	7	Aug. 4
Porter, Samuel P	1903	30	Sept. 2
Parker, George	1925	15	Sept. 27
Peterson, John F	1927	10	Sept. 28
Palmer, Harvey P	1930	6	Oct. 4
Palmer, Joseph	1942	3	Oct. 23
Quackenbush, Conrad	1767	1	Apr. 13
Quillen Harry	1905	2	Sept. 3
Reeder, Thomas A	1728	6	Feb. 15
Rogers, Fairman	1738	14	Mar. 6
Reeves, Jacob B	1784	7	May 8
Richmond, George W	1845	11	July 1
Reeves, George M	1849	3	July 2
Ross, John	1856	16	July 12
Rickard, Horatio C	1859	8	July 16
Rhein, William C	1864	3	July 20
Rickards, Isaac H	1869	3	July 26
Roberts, Wm. B	1882	9	July 31
Rickards, Charles S	1943	12	Oct. 25
Sparks, Joseph	1712	2	Jan. 21
Scully, John, jr	1723	2	Feb. 11
Schmidt, Charles	1725	1	Feb. 12
Somers, Joseph	1733	5	Feb. 20
Still, James H	1738	8	Mar. 5
Sooy, Joel H	1747	15	Mar. 22
Steelman, Thomas J	1752	11	Mar. 30
Sigafoos, William	1763	9	Apr. 12
Smith, Harry M	1783	10	May 8
Smith, Lewis T	1796	1	May 18
Shelmire, Jacob J	1802	17	May 22
Steele, John E	1841	13	June 29
Shives, Joshua S	1843	2	June 30
Smith, Lewis S	1851	6	July 6
Shaffer, William	1932	23	Oct. 7
Stites, Alva F	1939	6	Oct. 16
Smith, Samuel	1944	12	Oct. 28
Simpler, Harry H	1956	2	Nov. 6
Shaw, John A	1975	6	Dec. 13
Thomer, Peter A	1701	2	Jan. 4
Tracy, Joshua E	1703	5	Do.
Titus, George E	1741	7	Mar. 10
Turner, James S	1765	7	Apr. 13
Tilton, Lewis W	1770	7	Apr. 21
Turner, Gilbert	1773	1	Apr. 27
Thomer, Henry A	1786	5	May 12
Taylor, George W	1815	12	June 7
Thomer, Charles	1836	13	June 24
Toy, James	1866	1	July 21
Taylor, John M	1876	1	July 27
Tees, Harry	1877	6	July 29
Titus, William H. H	1922	22	Sept. 22
Tracey, Isaac R	1923	13	Sept. 24
Tracy, James C	1961	16	Nov. 12
Taylor, Elias D	1969	4	Nov. 30
Vansciver, George R	1704	7	Jan. 4
Vaughn, Lovelyn M	1793	12	May 17
Valiant, George	1901	13	Aug. 30
Vent, George W	1954	11	Nov. 5
Vaughan, Samuel R	1972	31	Dec. 8
Watkins, John W	1705	2	Jan. 8
Webber, Henry	1713	4	Jan. 23
Wall, Aug	1714	18	Do.
West, William B	1715	14	Jan. 25
Walker, Ira T	1721	1	Feb. 10
Walls, George W	1732	4	Feb. 18
Whitaker, Edward K	1735	4	Feb. 25

Pilots licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
White, John M	1758	6	Apr. 7
Williamson, Clinton De Witt	1762	2	Apr. 10
Wainwright, Albert	1785	2	May 11
Wilson, James E	1788	19	May 13
Weatherby, Benj. W	1797	7	May 18
West, James S	1846	11	July 1
Wheaton, Joshua H	1862	5	July 17
Ware, William J	1880	3	July 30
Williams, Jesse L	1893	8	Aug. 12
Willoughby, Hugh L	1895	11	Aug. 18
Wharton, William W	1896	20	Aug. 20
Webber, Harry O	1934	2	Oct. 8
Walton, Charles R	1941	3	Oct. 23
Wright, William P	1948	8	Nov. 2
Walker, Charles L	1955	20	Nov. 6
Wells, William T	1976	11	Dec. 18
Young, Reuben C	1799	9	May 20
Yates, Jesse	1858	5	July 30
Special pilots.			
Clendaniels, Clement	1718	6	Feb. 4
Campbell, William W	1833	3	June 23
Crouthamel, Spencer B	1840	6	June 29
Franks, Henry	1844	5	June 30
Frank, Frederick A	1855	5	July 12
Fifield, Elva T	1884	8	Aug. 3
Graf, Charles W	1825	1	June 15
Special pilots—Continued.			
Grover, Guy Noel	1879	2	July 30
Glaser, Christian, jr	1888	2	Aug. 6
Hoffmeister, Edward G	1832	5	June 23
Kunz, Valentine	1973	7	Dec. 9
Lodge, Edward G	1753	1	Mar. 30
Lehman, William H	1822	7	June 15
Longstreet, John H	1883	7	Aug. 2
Leonard, George	1913	3	Sept. 16
Meyer, Earnest A	1757	1	Apr. 6
Mitchell, James S	1814	5	June 4
Meskell, Michael	1818	8	June 10
Muckle, John S	1823	7	June 15
Marshall, William	1971	8	Dec. 7
Morgan, Joseph F	1978	12	Dec. 30
Oakford, George W., jr	1904	3	Sept. 3
Rankins, David	1791	6	May 14
Rein, Edward A	1921	9	Sept. 22
Rice, Charles W	1929	5	Oct. 2
Shevlin, Richard	1787	3	May 12
Street, William T	1837	5	June 25
Stetzer, William N	1861	4	July 16
Shibe, John D	1874	1	July 27
Schramm, A. William	1915	5	Sept. 16
Tantum, Robert S	1875	2	July 27
Thompson, Lang. T	1887	8	Aug. 6
Voigt, Richard	1967	6	Nov. 29
Webb, Elisha, jr	1847	2	July 1
Walker, Thomas, jr	1920	4	Sept. 21

Joint pilots and engineers licensed during the year ended December 31, 1897—Philadelphia, Pa.

Austin, Esmonde L	459	5	June 16
Burtis, Charles H	452	5	Apr. 3
Baugh, Edward E	462	6	July 19
Clarkson, Robert C	458	5	June 15
Diesinger, Albert J	451	1	Mar. 30
Du Mee, Edward J	465	2	Aug. 17
De Vore, Charles	468	5	Sept. 23
Entwisle, Albert B	460	1	June 29
Frist, Harry Morrison	470	3	Sept. 25
Greaves, Edward L	471	3	Oct. 6
Houseman, Harry A	456	3	June 4
Kynett, Harold H	463	7	July 29
Kilmer, John R	469	3	Sept. 25
Lyons, Wm. H. H	467	4	Sept. 22
Lodge, George H	473	2	Oct. 12
Medlar, Henry Levan	461	3	July 17
McHugh, Frank	453	2	Apr. 14
Steele, John M	464	7	Aug. 13
Townsend, F. Sidney	455	2	June 4
Whittington, George L	454	1	May 18
Whitaker, Alvord P	457	2	June 9
Whitehead, F. W	466	4	Aug. 31
Whitfield, J. Edward	472	3	Oct. 8

Engineers licensed during the year ended December 31, 1897—Philadelphia, Pa.

Chief engineers (ocean).			
Atwell, Thomas A	3656	18	Feb. 20
Alvey, Thomas	3734	14	May 3
Atwell, Jennings W	3746	14	May 10
Anderson, John W	3767	36	May 25
Anderson, John	4038	7	Dec. 7
Barton, Michael	3648	18	Feb. 15
Bender, Richard T	3654	39	Feb. 19
Byrne, William	3661	30	Feb. 26
Benson, James H	3671	27	Mar. 8
Britton, Josiah Q	3677	18	Mar. 12
Brink, Chester W	3688	24	Mar. 23
Bateman, James E	3697	12	Mar. 27
Bloomsburg, Peter	3713	28	Apr. 6
Binks, Cornelius A	3718	3	Apr. 13
Baker, John U	3758	13	May 20
Bonner, John	3773	16	May 26
Baldwin, Jacob A	3791	16	June 3
Bloomsburg, Joseph, sr	3801	27	June 9
Bellevue, Robert M	3809	22	June 15
Bethel, Edward	3819	23	June 22
Chief engineers (ocean)—Continued.			
Bellevou, Charles	3825	30	June 26
Brown, Martin W	3832	4	July 2
Bennett, Stephen P	3837	36	July 8
Bachman, Ernest	3839	16	July 10
Barr, John	3842	31	July 13
Blake, William H	3860	13	July 27
Brown, Theodore J	3886	32	Aug. 16
Barnes, Victor W	3894	3	Aug. 18
Booth, John H	3895	33	Aug. 19
Bender, Charles A	3898	44	Aug. 21
Bowen, George W	3902	36	Aug. 24
Burote, William	3907	13	Aug. 27
Bougher, Alonzo, jr	3939	17	Sept. 21
Boulden, James	3947	25	Sept. 25
Bennett, William C	3956	5	Oct. 2
Brittin, Wilson S	3992	30	Nov. 3
Benford, Elijah I	3998	24	Nov. 10
Booth, John R	4032	27	Dec. 2
Connolly, John	3630	19	Feb. 1
Campbell, John	3641	27	Feb. 8

Engineers licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Chester, Harvey P	3666	13	Mar. 2
Chedester, John H	3679	24	Mar. 15
Copes, James W	3684	21	Mar. 22
Conn, Jackson	3687	18	Mar. 23
Crosby, James	3689	12	Do.
Campbell, William H	3692	4	Mar. 24
Clark, George	3716	9	Apr. 10
Cummerford, Joseph	3738	13	May 6
Coxe, William G	3818	6	June 21
Camsback, William	3864	23	July 28
Carpenter, William B	3875	29	Aug. 9
Cooper, Stephen F	3888	28	Aug. 16
Caldwell, James H	3918	17	Sept. 3
Calloway, Leopold J	3949	24	Sept. 27
Doyle, Morris	3748	32	May 12
Doyle, John	3762	36	May 22
Doughty, John H	3785	35	June 1
Deacon, William K	3787	11	Do.
Davis, Richard	3829	16	June 29
Daily, John	3910	18	Aug. 30
Davidson, George B	3935	23	Sept. 17
Demo, Albert B	3961	13	Oct. 6
Donly, William	4003	11	Nov. 15
Dick, Robert B	4018	16	Nov. 20
Ensenat, Ramon	3714	7	Apr. 9
Emery, Stephen	3755	25	May 18
Engle, Charles E	4037	12	Dec. 7
Farrell, James W	3616	5	Jan. 18
Farrell, Martin C	3655	15	Feb. 20
Fowler, George W	3658	8	Feb. 23
Fetters, Henry	3685	23	Mar. 22
Foulks, William W	3711	23	Apr. 5
Fulton, Robert	3723	33	Apr. 15
Fisher, George A	3841	5	July 12
Felon, James	3847	17	July 16
Fulton, Frelinghuysen	3859	32	July 26
Fowler, Samuel	3876	22	Aug. 10
Foreman, Joseph M	3969	28	Oct. 16
Fredericks, William	3970	34	Do.
Ford, Thomas	3985	44	Oct. 30
Fulton, David C	4052	33	Dec. 22
Ganghan, John	3618	10	Jan. 19
Geer, Orson L	3637	33	Feb. 5
Green, William W	3665	10	Mar. 2
Gumphert, William	3702	31	Mar. 29
Gilmore, Robert	3848	20	July 17
Grant, Charles G	3853	12	July 22
Green, William R	3983	4	Oct. 26
Gray, George B	4048	9	Dec. 15
Hudson, David H	3634	19	Feb. 4
Higgins, Howard C	3642	8	Feb. 9
Heather, William B	3647	18	Feb. 13
Holmes, Samuel M	3669	18	Mar. 4
Hermiston, James	3680	5	Mar. 16
Halstead, James E	3682	16	Mar. 18
Holdcraft, William	3717	17	Apr. 13
Hewitt, Frederick E	3743	15	May 8
Higenbotham, George	3804	17	June 11
Hill, Benjamin	3856	25	July 23
Hand, James H	3879	39	Aug. 11
Hoffman, George	3905	18	Aug. 26
Hollingsworth, Robert	3971	17	Oct. 18
Hand, Thomas R	4004	30	Nov. 15
Hayes, John W	4020	30	Nov. 23
Howard, David H	4025	23	Nov. 24
Hargis, George R	4045	15	Dec. 14
Johnson, Christopher C	3766	17	May 25
Johnson, Nelson D., jr	3870	16	July 31
Justice, Sedgwick	3878	23	Aug. 11
Knights, Alfred G	3681	2	Mar. 17
Kerbaugh, Franklin	3845	16	July 15
Lingo, Lewis J	3607	26	Jan. 8
Lochard, Robert T	3619	25	Jan. 20
Lambert, Henry	3631	9	Feb. 2
Lingo, James B	3663	18	Mar. 1
Lingo, Albert L	3768	13	May 25
Londerback, Samuel R	3797	26	June 7
Lindal, Robert H	3877	15	Aug. 10
Chief engineers (ocean)—Continued.			
Lamb, Reuben J	3880	24	Aug. 12
Lynch, Joseph	3926	34	Sept. 7
Lynch, Walter A	4010	21	Nov. 16
Lynch, Richard	4024	13	Nov. 23
Lawrence, Thomas W	4054	6	Dec. 27
Minford, Edward D	3638	7	Feb. 8
Morton, William L	3645	19	Feb. 12
Mattson, Clement A	3678	23	Mar. 13
Membert, Frank	3726	22	Apr. 20
Mattson, Nathan	3730	38	Apr. 30
Mullens, John J	3782	17	May 31
Moose, John O	3784	35	June 1
Mote, James L	3820	13	June 22
Mull, J. Harry	3840	13	July 12
Maxwell, Henry S	3845	42	July 15
Mahan, George P	3906	36	Aug. 27
Mead, Oliver H	3945	32	Sept. 25
Morgan, William T	3975	12	Oct. 22
Mollan, James	3991	17	Nov. 3
Merritt, Alexis G	4034	33	Dec. 6
Murphy, John	4044	11	Dec. 13
Mears, William H	4046	1	Dec. 15
Morgan, James	4053	28	Dec. 24
McCarthy, Martin	3603	29	Jan. 4
McKernan, John F	3605	5	Jan. 6
McKeever, Patrick	3675	17	Mar. 10
McDonald, Andrew	3724	4	Apr. 19
McMullin, A. W	3776	40	May 28
McMullin, Charles P	3777	12	Do.
MacVicar, John L	3790	5	June 2
McKeown, John J	3850	13	July 18
McIlvain, Harry	3942	11	Sept. 23
McCormick, Patrick	3944	18	Sept. 24
McEwan, Frank C	3994	11	Nov. 9
McNeill, John	4017	11	Nov. 19
Nishivitz, Jacob	3761	21	May 22
Nygren, Hugo	3984	13	Oct. 26
Osler, John H	3609	12	June 11
Powell, Abraham	3753	31	May 17
Pearson, Thomas R	3780	13	May 28
Powers, Joseph	3815	11	June 19
Patterson, John	3869	16	July 31
Phillips, George W	4012	15	Nov. 17
Russell, Robert J	3625	10	Jan. 23
Rice, William G	3719	4	Apr. 13
Rowen, Peter J	3788	10	June 1
Rowen, James C	3806	16	June 12
Ryerson, Joseph A	3855	20	July 23
Ryan, William J	3903	11	Aug. 25
Scull, John	3613	18	Jan. 14
Smith, Alfred W	3650	1	Feb. 15
Spiegle, Charles F	3664	14	Mar. 1
Scout, Thomas	3676	29	Mar. 12
Smith, John E	3683	20	Mar. 19
Steffens, Joseph	3693	21	Mar. 25
Smith, Harry J	3704	14	Mar. 30
Stewart, James	3731	36	Apr. 30
Sherman, Harry W	3754	14	May 18
Sullivan, Robert	3769	41	May 25
Selby, Cyrus W	3792	8	June 3
Sanborn, John F	3798	20	June 7
Shaw, John	3807	9	June 14
Stephenson, Leonard	3813	1	June 15
Stewart, John	3823	11	June 25
Spiegle, William	3908	43	Aug. 28
Sofield, Joseph S	3909	19	Do.
Seltzer, Joseph N. J	3925	6	Sept. 7
Stevenson, William H	3937	28	Sept. 20
Scott, William	3938	22	Do.
Stewart, John	3946	37	Sept. 25
Spiegle, William T	3972	22	Oct. 19
Scorah, Frederick J	3977	5	Oct. 22
Stevens, John A	4023	9	Nov. 23
Spiegle, John M	4031	38	Dec. 2
Schulze, Lewis	4036	20	Dec. 6
Thurston, Spencer D	3614	24	Jan. 15
Tompkins, John K	3643	14	Feb. 9
Tinney, Patrick	3871	16	Aug. 2

Engineers licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Teeling, John	3928	17	Sept. 9
Thurston, Phineas E	4042	27	Dec. 9
Uhler, George	3932	24	Sept. 13
Valentine, Robert	3610	31	Jan. 11
Vansciver, Henry B	3699	20	Mar. 27
Vance, William H	3965	15	Oct. 12
Vert, Christopher	4022	28	Nov. 23
Wilson, William	3620	33	Jan. 20
Winpenny, Samuel	3639	11	Feb. 8
Williams, Andrew	3640	43	Do.
Wilson, John A	3690	16	Mar. 24
Wood, Charles	3712	11	Apr. 6
Wooley, Charles H	3715	20	Apr. 10
Wilson, George r	3794	27	June 4
White, Benjamin B	3831	8	July 2
Wilson, Ezekiel	3836	37	July 8
Walsh, William	3913	24	Aug. 31
Westcott, William	3923	35	Sept. 7
Walker, Isaac P	3980	23	Oct. 26
Wilson, Isaac	3982	10	Do.
Warfel, John P	3999	15	Nov. 11
Webb, Elisha	4007	33	Nov. 15
Warley, Thomas C	4040	15	Dec. 7
Winpenny, William	4050	29	Dec. 17
Chief engineers (inland).			
Armington, Andrew B	3606	19	Jan. 7
Angell, Eugene D	3627	15	Jan. 25
Arnold, Thomas	3709	9	Apr. 3
Atkinson, A. E	4043	12	Dec. 10
Banks, George A	3653	7	Feb. 19
Bloomsburg, Harry B	3694	8	Mar. 26
Bishop, Enoch	3701	30	Mar. 29
Burton, John W	3728	16	Apr. 24
Brooks, Thomas	3732	6	May 1
Bethel, Ulysses G	3742	13	May 8
Butler, Isaac	3764	36	May 24
Brooks, Joseph	3793	17	June 3
Butler, Charles	3817	16	June 21
Bristow, Charles T	3852	34	July 21
Bramell, Benjamin B	3857	17	July 24
Bristow, Sherman	3867	9	July 31
Butler, George R	3872	18	Aug. 3
Beaucham, Joseph T. A	3874	8	Aug. 6
Booth, George L	3887	5	Aug. 16
Bates, William A	3890	28	Aug. 17
Banks, Joseph	3916	13	Sept. 1
Bristow, Louis	3919	32	Sept. 3
Berian, Joseph R	3921	11	Sept. 4
Barr, William	3930	4	Sept. 11
Boyer, Leonard	3940	11	Sept. 21
Bristow, L. A	3943	24	Sept. 24
Brooks, Francis J	3954	15	Sept. 29
Brown, Mathias	3989	16	Nov. 2
Brower, Erastus H	4008	12	Nov. 15
Bender, Peter F	4027	2	Nov. 24
Beckworth, Samuel T	4023	15	Dec. 6
Camac, Jesse S	3608	15	Jan. 11
Conn, William H	3632	9	Feb. 3
Crary, George J	3673	13	Mar. 9
Curry, William	3691	4	Mar. 24
Clement, William J	3725	16	Apr. 20
Clement, William H	3735	16	May 3
Campbell, Gilbert	3816	3	June 19
Chapman, Lewis C	3851	12	July 20
Coward, Samuel S	3885	15	Aug. 16
Clair, Joseph C	3900	14	Aug. 23
Craig, John	3924	16	Sept. 7
Corr, Edward J	3934	21	Sept. 14
Catlin, Joseph R	3953	15	Sept. 29
Comer, Charles M	3955	22	Oct. 1
Crosby, William	3967	10	Oct. 12
Crossley, Samuel	3974	19	Oct. 21
Crawford, James L	4005	5	Nov. 15
Chase, George B	4013	6	Nov. 17
Charles, James	4019	6	Nov. 22
Chief engineers (inland)—Continued.			
Denny, George S	3651	14	Feb. 19
Duross, James	3668	22	Mar. 4
Dougherty, Wilfred	3736	8	May 4
Donnelly, Felix	3740	15	May 6
Doughty, William C	3747	16	May 11
Dilsaver, Francis C	3786	13	June 1
Denkins, B. F	3828	4	June 29
Delmore, Harry H	3835	9	July 7
Doughty, Edwin	3849	4	July 17
Dunn, Harry E	3868	5	July 31
Dickerson, William J	3901	12	Aug. 23
Drummond, Charles	3911	22	Aug. 30
Denny, John	3941	19	Sept. 21
De Lacy, Joseph M	3987	24	Oct. 30
Edgar, James	3700	17	Mar. 27
Ennis, William C	3760	15	May 21
Evans, William C	3959	4	Oct. 5
English, Elvin S	4055	3	Dec. 28
Francis, James O	3604	17	Jan. 5
Fleeson, William H	3629	8	Feb. 1
Foulk, George E	3775	26	May 28
Fenton, William T	3863	12	July 28
Fowler, Chas. S	3897	2	Aug. 20
Fenton, James W	3917	8	Sept. 2
Fleming, Harry J	3962	2	Oct. 6
Fowler, Samuel	3964	27	Oct. 9
Farlow, John S	3966	16	Oct. 12
Flood, Patrick	3979	15	Oct. 25
Greer, Charles H	3601	7	Jan. 2
Graham, Thomas R	3626	12	Jan. 23
Grogan, Alonzo	3659	4	Feb. 24
Groff, Edwin P	3733	9	May 3
Gravenstine, William	3810	15	June 15
Gilmore, James B	3858	25	July 26
Gray, Edward J	3986	8	Oct. 30
Gaulke, Louis C	4039	10	Dec. 7
Hickman, John	3636	5	Feb. 5
Hibbs, Frank W	3644	4	Feb. 10
Harris, William H	3696	8	Mar. 26
Horner, John W	3703	21	Mar. 30
Hemphill, Joseph	3706	6	Apr. 2
Horner, Charles H	3707	13	Do.
Huling, Charles	3720	29	Apr. 13
Hartman, Richard	3722	9	Apr. 15
Hitchins, George A	3745	21	May 10
Hankins, Joseph H	3752	17	May 17
Hibbs, Eugene	3770	20	May 25
Hart, Nicholas T	3771	10	May 26
Hann, William M	3796	5	June 7
Hollinsworth, John	3811	16	June 15
Hollis, James M	3812	5	Do.
Hudson, Samuel D	3838	24	July 9
Hewitt, Benjamin B	3844	5	July 13
Hall, Samuel M	3912	13	Aug. 30
Huber, Joseph H	3963	15	Oct. 9
Holeton, William M	4002	20	Nov. 12
Hart, Charles H	4006	10	Nov. 15
Hopkins, J. W	4026	20	Nov. 24
Jarman, Samuel B	3833	4	July 3
Jemison, John	3896	26	Aug. 20
Johnson, William	3904	15	Aug. 26
Johnson, Thomas W	3948	5	Sept. 25
Jarvis, Elisha D	3950	7	Sept. 27
Kemble, Hiram	3624	12	Jan. 23
Kniss, Frederick	3737	14	May 4
Kelley, Michael	3759	22	May 21
Keenan, John A	3772	10	May 26
Kerbaugh, William	3799	28	June 8
Knowles, William	3805	11	June 11
Kerby, James	3834	24	July 6
Kniss, John	3875	18	Aug. 6
Kraft, George C	3914	5	Aug. 31
Kitchen, Howard	3927	19	Sept. 7
Lang, James J	3649	6	Feb. 15
Lennox, Walter G	3710	12	Apr. 3
Layman, Edward	3739	9	May 6
Lenox, Charles A	3750	32	May 13
Logan, Thomas	3757	16	May 20

Engineers licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Lenox, Fred. W	3778	7	May 28
Luffbany, Andrew	3795	15	June 7
Lum, John	3827	23	June 28
Lyons, Harry G	3882	3	Aug. 13
Lynch, Charles	3891	6	Aug. 17
Letts, Warren W	3929	8	Sept. 9
Lingo, Joseph C	3958	8	Oct. 4
Lodge, Rolla M	4047	17	Dec. 15
Molyneux, Daniel M	3611	28	Jan. 12
Murphy, Edward	3705	7	Mar. 30
Miller, William H	3708	25	Apr. 3
Middleton, Joseph H	3721	16	Apr. 14
Meyers, Frederick W. C	3756	10	May 19
Morrison, William N	3763	16	May 24
Minner, John C	3800	13	June 9
Mulready, Robert	3802	10	Do.
Middleton, George	3821	24	June 24
Mahan, John W	3822	24	June 25
Malamphy, Hugh	3854	23	July 23
Moore, Joseph A	3931	16	Sept. 11
Mahan, Aquilla S	3976	15	Oct. 22
Morgan, James	3997	8	Nov. 9
McHugh, Frank	3633	11	Feb. 3
McAllister, Lewis	3686	16	Mar. 23
McAvoy, William	3808	37	June 14
McAllister, Cyrus S	3881	9	Aug. 12
McFadden, Douglass	3973	32	Oct. 19
McFarland, William	4011	10	Nov. 16
McDonald, Patrick	4021	33	Nov. 23
Osler, Charles	3674	33	Mar. 9
Osler, George	3751	28	May 14
O'Donnell, William H	3789	16	June 2
Packard, William C	3602	25	Jan. 4
Pachard, Horace	3652	17	Feb. 18
Packard, Daniel	3657	19	Feb. 23
Perkins, Charles F	3695	16	Mar. 26
Paul, Henry	3826	9	June 26
Padley, James C	3861	19	July 27
Price, Samuel C	3978	23	Oct. 23
Pearce, James	3990	33	Nov. 2
Price, Winfield S	3996	8	Nov. 9
Pierce, Elijah R	4014	8	Nov. 17
Reynolds, William W	3617	7	Jan. 19
Rowland, William B	3672	7	Mar. 8
Reeves, Maurice	3774	18	May 28
Reynolds, James	3781	21	May 31
Roe, William C	3814	8	June 18
Righter, George H	3933	27	Sept. 14
Rucher, John F	3968	15	Oct. 12
Rowan, Thomas H	3993	31	Nov. 4
Rawlings, Benjamin F	4035	28	Dec. 6
Rhodes, William B	4049	11	Dec. 17
Simpkins, Theodore	3622	18	Jan. 22
Stokenburg, Charles H	3628	14	Jan. 27
Shaw, George M	3635	3	Feb. 4
Simpkins, Harry A	3660	4	Feb. 25
Schlosser, John	3662	9	Feb. 26
Sorsman, Sylvester	3698	12	Mar. 27
Steer, Alexander	3765	12	May 24
Sithens, William H	3779	19	May 28
Stanton, John W	3824	8	June 25
Sellers, Henry M	3843	13	July 13
Smith, Charles	3862	29	July 27
Swing, Thomas C	3865	13	July 29
Smith, Richard L	3883	15	Aug. 13
Snyder, William W	3884	24	Aug. 16
Sailor, William H	3893	23	Aug. 18
Simkins, Isaac P	3899	15	Aug. 23
Strobridge, Robert H	3920	20	Sept. 3
Scheer, William	3951	31	Sept. 28
Sempler, Alfred W	3960	17	Oct. 6
Sparks, Alfred P	3981	15	Oct. 26
Smith, James W	3995	12	Nov. 9
Simpler, Burton C	4029	22	Nov. 30
Smith, Robert J	4030	3	Dec. 1
Trotman, Alexander C	3612	17	Jan. 13
Truitt, James B	3621	37	Jan. 21
Titus, Reuben	3889	17	Aug. 17
Chief engineers (inland)—Continued.			
Tyson, William G	3915	11	Aug. 31
Tash, George S	3922	3	Sept. 7
Tingle, William H	4001	15	Nov. 12
Turner, Henry C	4016	23	Nov. 18
Tingle, Geo	4028	7	Nov. 27
Tyson, Frank	4041	8	Dec. 8
Updike, Joseph	3749	11	May 13
Vaughn, Charles W	3783	17	June 1
Van Brunt, Edward W	3830	11	June 29
Vanderslice, Joseph H	3957	15	Oct. 2
Vogel, Frank	4051	19	Dec. 18
Walker, Henry	3615	8	Jan. 15
Wilson, Loday W	3623	24	Jan. 22
Walsh, Richard	3667	14	Mar. 3
Whiteker, Charles D	3670	13	Mar. 5
Wood, Richard J	3727	13	Apr. 24
Whitaker, James	3729	12	Apr. 28
Ward, Harry	3741	21	May 7
Winterborne, Chas. B	3744	19	May 8
Wilgus, Orlando W	3803	13	June 10
Wilson, William C	3866	17	July 29
Wood, William C	3892	16	Aug. 17
Wolverton, Edward G	3952	5	Sept. 28
Wolf, William C	3988	21	Nov. 2
Wood, George M	4000	23	Nov. 11
Williams, William H	4009	20	Nov. 15
West, Philip	4015	8	Nov. 18
Young, Robert H	3646	4	Feb. 12
Yearicks, Frank E	3936	12	Sept. 20
Engineers in charge of steamers of 100 tons and under and over 10 tons.			
Abdill, Stephen	2673	24	June 30
Archambault, N. B	2682	20	July 8
Armstrong, Thomas N	2687	4	July 12
Arne, Louis	2788	2	Oct. 27
Appel, Frederick C	9120	6	Dec. 11
Butler, George	2539	2	Feb. 12
Beedleman, F., jr	2573	4	Mar. 31
Barnes, William E	2578	14	Apr. 5
Bougher, Martin W	2591	15	Apr. 15
Baker, James H	2592	13	Apr. 17
Boice, Frederick	2610	6	May 3
Bones, Peter J	2619	18	May 10
Bateman, Samuel P	2625	13	May 13
Birch, Samuel B	2653	20	June 11
Buck, Samuel B	2655	11	June 14
Birch, Henry C	2675	17	July 1
Brennan, John T	2676	5	July 6
Brown, Frank	2690	30	July 13
Bishop, James M	2695	13	July 15
Box, Alfred	2703	13	July 26
Barnes, Benjamin F	2711	13	July 29
Bremerman, Melvin F	2715	5	Aug. 3
Boole, John H	2749	15	Sept. 14
Baker, John A	2750	15	Sept. 15
Bacon, Jesse H	2761	17	Sept. 28
Clendaniels, George S	2529	9	Feb. 1
Copeland, Francis G	2530	2	Do.
Clendaniels, Clement	2532	5	Feb. 4
Casey, Robert	2540	5	Feb. 15
Clayton, Harry C	2546	2	Feb. 26
Crouthamel, Spencer B	2547	7	Do.
Cavanaugh, Thomas J	2548	13	Feb. 27
Crump, Thomas	2555	11	Mar. 10
Colton, Albert B	2597	10	Apr. 23
Curren, Bernard	2614	20	May 6
Courtney, Charles W	2620	3	May 10
Coyle, Peter H	2623	10	May 13
Cramer, Samuel E	2626	5	Do.
Caperoon, John B	2631	1	May 18
Cox, Joseph	2691	16	July 13
Cotter, John	2766	12	Oct. 4
Carey, Willard S	2773	16	Oct. 11
Collins, John	2787	2	Oct. 27

Engineers licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under and over 10 tons—Continued.			
Dukes, James P	2514	8	Jan. 18
Devore, David	2523	20	Jan. 25
Dearick, Charles M	2533	13	Feb. 6
De Kyne, Frank D	2600	5	Apr. 26
Dougherty, Amour R	2604	5	Apr. 28
Daisey, Samuel C	2612	8	May 4
Davis, Samuel S	2636	16	May 27
Dize, James S	2637	2	May 28
Davidson, Isaiah A	2639	2	May 31
Davis, Richard W	2661	3	June 18
Devore, J. H	2671	17	June 29
Deakyne, Oscar	2707	16	July 27
Daisey, Eba T	2777	7	Oct 12
Dickerson, James B	2797	4	Nov. 11
Evans, Edwin F	2613	4	May 5
Evans, John H	2638	5	May 31
Ellingsworth, Frederick F	2708	5	July 27
Fleetwood, Charles W	2516	8	Jan. 18
Fowler, John P	2633	12	May 21
Foster, Isaiah B	2646	8	June 5
Foster, John H	2665	14	June 22
Fearn, William	2677	10	July 6
Flynn, Charles J	2717	7	Aug. 6
Finch, Alonzo B	2722	23	Aug. 12
Fowler, Dice	2781	3	Oct. 18
Fletcher, William O	2789	2	Oct. 27
Furman, Richard	2800	20	Nov. 15
Garrison, Allen B	2521	4	Jan. 23
Gressim, Edward P	2535	1	Feb. 9
Grupp, William	2542	16	Feb. 18
Green, Palmer	2640	21	May 31
Greenley, Wilbur	2737	2	Sept. 1
Gould, James H	2738	14	Do.
Hill, Henry A	2503	14	Jan. 4
Hickman, Francis E	2511	1	Jan. 13
Hudson, Clarkson G	2538	18	Feb. 11
Hansbury, Patrick	2560	9	Mar. 18
Healy, Edward	2564	21	Mar. 27
Hann, John S	2575	11	Apr. 2
Hawkey, John L	2576	10	Apr. 3
Hughes, Joseph	2585	3	Apr. 10
Hazzard, Alonzo	2615	4	May 7
Harker, Harry	2710	7	July 28
Huttenlock, William J	2723	4	Aug. 14
Hazzard, Ralph	2774	4	Oct. 11
Holeton, Joseph C	9101	16	Nov. 16
Johnson, Joshua H	2587	5	Apr. 14
Johnson, Charles A	2674	3	July 1
Jones, Caleb W	2699	16	July 19
Justice, Levi C	2729	16	Aug. 19
Kahler, Charles A	2589	14	Apr. 15
Kelly, Frank	2706	21	July 27
Lingo, Frank C	2501	1	Jan. 2
Lynch, John A	2509	7	Jan. 12
Lenox, Samuel	2551	17	Mar. 6
Lingo, George W	2581	8	Apr. 8
Leatherbury, Samuel	2595	9	Apr. 20
Lovegrove, George W	2599	3	Apr. 23
Lasher, Luther	2651	14	June 9
Lingo, Nathaniel B	2680	13	July 6
Locke, Thomas G	2688	14	July 12
Longstreet, John H	2709	9	July 28
Loyd, Charles W	2727	9	Aug. 19
Lewis, Oscar R	2736	8	Aug. 30
Lansback, George	2739	15	Sept. 4
Lynch, Charles W	2740	5	Sept. 7
Lank, Charles W	2745	8	Sept. 13
Lee, Andrew, jr	2748	13	Sept. 14
Lingo, Alonzo P	2755	5	Sept. 20
Lingo, John E	2794	17	Nov. 3
Morgan, James	2536	12	Feb. 9
Moon, William M	2544	28	Feb. 23
Murray, Ebe T	2648	4	June 8
Molyneux, James M	2664	4	June 21
Marsh, George W. F	2667	2	June 23
Engineers in charge of steamers of 100 tons and under and over 10 tons—Continued.			
Morris, Harry	2669	3	June 26
Murphy, Orlando	2705	12	July 26
Morris, Albert T	2743	7	Sept. 13
Morrison, John	2746	18	Sept. 14
Morey, Theodore	2763	5	Sept. 28
Mooney, John A	9124	2	Dec. 15
McCain, William	2517	14	Jan. 18
McBride, Domnick	2557	24	Mar. 16
McKeefrey, John	2571	32	Mar. 31
McCabe, Caleb	2663	7	June 21
McGovern Owen	2666	4	June 22
McCormick, Henry	2698	22	July 19
McAvoy, Patrick Wm	2754	9	Sept. 18
McGoldrick, Thomas	2764	20	Sept. 29
Nonsuch, Scotia A	9121	2	Dec. 14
O'Connor, Thomas	2577	4	Apr. 5
Ormrod, Ralph L	2733	4	Aug. 26
Palmer, Philip A	2518	8	Jan. 20
Powell, Abraham, jr	2556	1	Mar. 15
Patterson, William H	2566	8	Mar. 30
Powell, Wilmer T	2568	2	June 23
Phillips, Walter M	2670	2	June 28
Pedrick, Somers	2701	13	July 22
Price, Isaac D	2714	32	Aug. 3
Phillips, Willard P	2718	3	Aug. 6
Patten, Charles H	2732	2	Aug. 25
Praria, Frank	2734	2	Aug. 27
Praria, John T	2791	2	Oct. 29
Rowan, Thomas H., jr	2519	7	Jan. 20
Robinson, Corneilus	2522	2	Jan. 25
Righter, Samuel	2549	2	Mar. 2
Reed, Charles A	2550	12	Mar. 4
Righter, William H	2559	20	Mar. 17
Rodgers, George W	2565	16	Mar. 30
Righter, Winfield S	2629	13	May 17
Riley, James	2647	13	June 8
Richmond, Mathias	2692	15	July 14
Reed, Joseph E	2747	21	Sept. 14
Rodgers, Charles B	2778	6	Oct. 13
Roan, Isaac P	2782	6	Oct. 18
Ralston, Franklin S	9109	14	Nov. 26
Robinson, George W	9115	24	Dec. 8
Rodgers, James J	9131	2	Dec. 24
Shaw, Lewis C. G	2505	1	Jan. 5
Scully, John, jr	2520	19	Jan. 22
Simpkins, Benjamin G	2552	13	Mar. 9
Sandman, George H	2553	15	Do.
Swift, William A	2574	13	Apr. 1
Shuster, Aaron S	2621	6	May 11
Simpler, David R	2642	28	June 1
Selover, George C	2649	3	June 9
Scully, Thomas J	2654	18	June 11
Spering, Edward	2679	13	July 6
Starr, Harry	2685	10	July 10
Snyder, Joseph B	2693	8	July 14
Stetzer, William N	2697	15	July 16
Slemons, John	2700	12	July 20
Swain, Richard H	2702	3	July 23
Sellers, Frank M	2716	17	Aug. 4
Simpler, Erasmus M	2752	17	Sept. 16
Schramm, A. Wm	2753	5	Do.
Shaw, George	2760	15	Sept. 25
Staats, Frank B	2770	10	Oct. 6
Schlemm, Frank L	2786	4	Oct. 27
Shimm, Benijah A	2790	7	Oct. 28
Scroggy, Edwin H	9102	2	Nov. 17
Smith, John A	9118	13	Dec. 9
Smith, Micajah S	9128	8	Dec. 18
Schurch, Samuel R	9132	4	Dec. 28
Tracey, George H	2528	8	Jan. 30
Tindall, John B	2534	13	Feb. 8
Tompkins, William H	2569	1	Mar. 30
Thielfall, Edward	2586	7	Apr. 13
Torbert, Frank A	2598	16	Apr. 23
Turner, Bryson M	2605	2	Apr. 28
Turner, Isaac E. W	2643	1	June 1

Engineers licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Truitt, Henry R	2645	1	June 1
Tyrell, Andrew	2704	15	July 26
Titus, Evan	2713	18	Aug. 2
Taylor, George N	2731	15	Aug. 23
Townsend, Joshua	2772	8	Oct. 9
Thomas, Charles H	2783	13	Oct. 25
Truitt, Charles H	2795	14	Nov. 4
Trout, Stephen	2796	5	Nov. 9
Updike, Alexander	2504	12	Jan. 4
Vessels, Luther R	2572	4	Mar. 3
Vance, Philip H	2590	12	Apr. 15
Walker, Louis	2541	15	Feb. 15
Willard, George T	2545	4	Feb. 23
Williams, Charley B	2635	8	May 25
White, Ernest M	2689	9	July 13
Wilson, Alfred C	2696	4	July 16
Williams, John	2719	12	Aug. 7
Watson, Samuel	2725	13	Aug. 17
West, Joshua C	2765	13	Oct. 2
Wharton, Stephen H	2785	13	Oct. 26
West, Miers B	9112	6	Dec. 6
Welgus, Alvin F	9116	9	Dec. 8
Young, Percy	2672	5	June 30
Young, Somers E	2735	9	Aug. 27
Zane, Theodore	2758	11	Sept. 22
First assistant engineers (ocean).			
Anderson, John	2526	5	Jan. 29
Aydelott, Ulysses S. G.	2678	4	July 6
Anderson, John	2768	3	Oct. 5
Burke, Michael	2601	19	Apr. 26
Brown, Thomas A	9108	9	Nov. 26
Barnes, John	9130	16	Dec. 23
Cook, Charles	2606	8	Apr. 29
Connor, Harry G	2607	13	Do.
Cummerford, Francis P	2616	14	May 8
Carter, Harvey K	2632	3	May 19
Fulton, Samuel	2726	21	Aug. 17
Gilmore, Thomas	2563	17	Mar. 26
Gallagher, Hugh	2568	2	Mar. 30
Gill, William	2622	28	May 12
Gray, Thomas F	2793	13	Oct. 29
Harleston, John M	2554	5	Mar. 9
Hartwig, Gustav	2584	7	Apr. 9
Hammond, John G	2744	9	Sept. 13
Hoffman, John L	9127	11	Dec. 18
Jackson, John	9129	7	Do.
Lynch, Robert E	2611	9	May 4
Lynch, Hazzard	2681	5	July 7
Mehaffy, James A	2583	15	Apr. 8
Manson, Dennis A	2686	9	July 10
McInnis, Daniel	2756	3	Sept. 21
McGee, Henry	9111	15	Nov. 30
Paulding, John G	2512	5	Jan. 16
Palmer, James E	2641	6	May 31
Prickett, George	2730	17	Aug. 31
Pearce, James W	9113	17	Dec. 7
Quinn, Daniel	2721	12	Aug. 11
Ruby, Ridgway	2724	15	Aug. 16
Spiegle, Matthias	2603	10	Apr. 27
Snyder, Harry J	2759	4	Sept. 22
Vansant, Joseph A. R	2784	3	Oct. 25
Waters, John	2562	14	Mar. 24
Wallace, Alfred	2627	3	May 14
Williams, Earnest L	2694	2	July 14
White, Joseph H	2798	10	Nov. 11
First assistant engineers (inland).			
Bristow, Nehemiah C	2513	7	Jan. 16
Bethel, Charles W	2582	2	Apr. 8
Beers, Charles K	2683	2	July 8
Betts, Edgar B	9105	2	Nov. 20
First assistant engineers (inland)—Continued.			
Devore, John H	2662	7	June 24
Edelman, John G	2579	7	Apr. 5
Freiler, Louis J	2658	2	June 15
Hudson, James C	2602	3	Apr. 27
Harvey, Thomas R	2728	4	Aug. 19
Higman, George	9110	2	Nov. 29
Johnson, Horace E	2524	3	Jan. 25
Longfellow, Edward J	2502	13	Jan. 2
Lollis, William G	2771	4	Oct. 8
Lea, James W	9117	2	Dec. 9
Marvel, Albert S	2543	2	Feb. 19
Murphy, John	2580	12	Apr. 8
Murray, Stephen A	2762	1	Sept. 28
Mull, Frank B	9122	2	Dec. 14
Privet, James	2617	13	May 8
Riordan, James	2507	5	Jan. 11
Rust, William E	2650	2	June 9
Rooney, James J	9107	2	Nov. 26
Savin, Joseph W	2588	3	Apr. 14
Vincent, Henry O. P	9123	1	Dec. 14
Wright, Elwood	2769	2	Oct. 5
Wilgus, Clarence J	9126	3	Dec. 16
Second assistant engineers (ocean).			
Adamich, Edward S	2525	3	Jan. 28
Anderson, Charles	2537	3	Feb. 10
Allen, Thomas C	9114	5	Dec. 7
Biedert, Franklin	2618	3	May 8
Benson, Edward	2652	4	June 10
Burns, John H	2792	8	Oct. 29
Chisholm, William M	9104	9	Nov. 19
Devlin, William F	2527	7	Jan. 30
Dever, John E	2630	11	May 17
Dempster, Robert	2741	5	Sept. 8
Ead, John J	2609	2	May 1
Fulton, George	2757	20	Sept. 21
Hamilton, William	2510	6	Jan. 12
Hughes, Thomas	2515	10	Jan. 18
Hentz, Charles L	2608	10	Apr. 30
Hutchinson, Gilbert S	2660	1	June 17
Hand, James H., jr	2780	5	Oct. 16
Kiley, Michael	2742	5	Sept. 9
King, Thomas	2776	13	Oct. 12
Lawler, James	2593	2	Apr. 20
Lukens, John M	2596	3	Do.
Lane, Thomas H	9119	14	Dec. 10
Miles, John J	2751	7	Sept. 15
Miller, Charles F	2799	8	Nov. 15
McKearney, Francis	2506	9	Jan. 9
McCann, John	2656	11	June 15
McGinnis, William	9106	1	Nov. 24
McMahon, Martin	9125	3	Dec. 15
Neal, Theodore E	2779	6	Oct. 13
O'Brien, Edward L	2561	8	Mar. 18
Pullins, James	2767	3	Oct. 4
Richards, Thomas W	2712	5	July 31
Stevenson, Jesse	2567	3	Mar. 30
Smith, William	2624	9	May 13
Smith, Albert	2684	10	July 9
Stites, Harry	9103	2	Nov. 17
Yeo, William S	2775	6	Oct. 12
Second assistant engineers (inland).			
Robinson, George H	2531	13	Feb. 1
Vessel, David C	2657	5	June 15
Third assistant engineers (ocean).			
Anderson, Add	2659	2	June 16
Brady, Thomas E	2558	1	Mar. 16
Helms, Alfred	2594	4	Apr. 20

Engineers licensed—Philadelphia, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Third assistant engineers (ocean)—Cont'd.			
King, John	2628	9	May 17
Miles, John W	2720	4	Aug. 10
Manning, Emil	9133	2	Dec. 29
Olsen, Olaf	2644	1	June 1
Paul, Samuel A. H	2570	1	Mar. 30
Sheppard, Robert A	2634	12	May 22
Zane, Edward C	2508	10	Jan. 11
Special engineers.			
Bowers, Frank E	904	4	Apr. 23
Brownell, William H	926	4	Aug. 4
Bahney, Andrew	929	3	Aug. 25
Brown, Ben C	937	4	Oct. 23
Brower, James W	938	1	Oct. 26
Block, Lewes C	940	4	Nov. 4
Camp, John H	916	5	June 23
Cullen, William F	920	4	July 7
Cox, Harry H	935	5	Oct. 2
Deisinger, Albert J	923	3	July 24
Douglass, John B	930	9	Aug. 30
Earnshaw, Oliver	903	9	Mar. 26
Elfline, Frederick O	936	7	Oct. 13
Frank, Henry	912	5	June 12
Fifield, Elva T	925	8	Aug. 3
Gale, Hamilton A	939	1	Nov. 2
Harding, Frank	907	3	May 4
Hascher, William L	942	3	Nov. 23
Special engineers—Continued.			
Kunz, Anthony	943	7	Nov. 30
Lodge, Edward G	905	1	Apr. 26
Leng, Charles W	909	6	May 27
Lackey, James	911	8	June 11
Lehman, William H	914	7	June 15
Leonard, Thomas, jr	921	1	July 20
Leonhard, Charles F	932	4	Sept. 17
Muckle, John S	913	7	June 15
Miller, William J	927	10	Aug. 13
Miclines, Frank	944	2	Dec. 1
Marshall, Charles B	945	8	Dec. 7
McCahey, Patrick	922	8	July 22
McCloskey, Alfred C	934	2	Sept. 29
Nellins, John S	906	8	Apr. 29
Parry, George C	910	2	June 2
Rein, Edward A	931	12	Sept. 14
Straley, Thomas H	915	4	June 17
Shreeves, William D	924	5	Aug. 3
Schmidt, Richard	933	6	Sept. 25
Smith, Lardner B	941	10	Nov. 23
Taylor, James B	928	7	Aug. 24
Vansant, Gilbert M	919	1	June 29
Whitaker, Frank A	901	2	Mar. 11
Welde, Bruno H	902	5	Mar. 15
Walker, Thomas	908	6	May 25
Walker, Charles W	918	7	June 29
Zimmerman, Samuel	917	4	June 26

LOCAL DISTRICT OF PORTLAND, MAINE.

Masters licensed during the year ended December 31, 1897—Portland, Me.

Name.	No. of license.	No. of issue.*	Date of issue.
Blethen, Galen Clapp	9319	10, 10	Mar. 27
Frost, William Emery	9324	10, 10	Apr. 8
Jackson, Benjamin B	9386	4, 4	Aug. 7
Keene, Stephen	9348	2, 8	June 8
Lyman, Elbridge V	9314	3, 3	Mar. 13

Masters and pilots licensed during the year ended December 31, 1897—Portland, Me.

At Lee, William E	9304	3, 9	Feb. 2
Albee, William E	9360	2, 8	June 26
Archibald, Isaac E	9390	1, 7	Aug. 21
Arey, Benjamin R., jr	11917	3, 9	Nov. 1
Blair, Charles A	9305	13, 16	Feb. 3
Barbour, Alvah	9308	5, 10	Feb. 23
Boynton, Freeman	9339	2, 2	May 18
Bryant, Samuel O	9347	13, 28	June 8
Bray, Charles W	9352	9, 9	June 10
Bragg, Albert	9357	26, 26	June 21
Blanchard, Hollis H	9365	9, 18	June 28
Blenn, Van B	9371	3, 5	July 9
Bennett, William D	9384	3, 4	Aug. 6
Berry, John	9393	12, 12	Aug. 26
Baker, Benjamin W	9394	12, 17	Aug. 30
Bryan, Ivan W	11913	9, 11	Oct. 23
Blanchard, William F	11916	14, 17	Nov. 1
Bennett, John	11918	20, 20	Nov. 5
Baldwin, Arthur G	11923	10, 17	Nov. 29
Bray, Thomas D	11925	1, 12	Dec. 2
Bibber, Frederic A	11926	4, 37	Dec. 3
Bond, John H	11928	2, 7	Dec. 7
Clark, James N	9309	9, 14	Mar. 2
Creed, William R	9310	21, 25	Mar. 3
Call, Eugene A	9311	7, 22	Mar. 4
Chaney, Leonardo B	9317	12, 17	Mar. 26
Carroll, Frank E	9318	2, 2	Mar. 27
Carleton, Roscoe E	9372	7, 11	July 9
Coffin, Charles	9400	8, 10	Sept. 10
Colcord, Charles A	11906	8, 8	Sept. 30
Colby, William A	11924	21, 24	Dec. 1
Colby, George W	11930	12, 17	Dec. 9
Cousins, Charles O	11933	5, 14	Dec. 22
Drew, Charles A	9321	21, 21	Apr. 1
Dingley, Frank	9326	12, 20	Apr. 19
Dingley, Charles W	9327	11, 11	Apr. 24
Deering, Charles	9330	24, 24	Apr. 29
Dennison, Alexander Crossman	9349	5, 14	June 9
Dean, Byron C	9362	24, 24	June 28
Dunton, George B	9383	2, 2	Aug. 6
Dickson, Edgar P	11912	10, 17	Oct. 22
Ellis, Seth L	11914	11, 13	Oct. 23
Foster, Charles H	9351	12, 12	June 10
French, Joseph W	9374	10, 19	July 15
Fisher, John, jr	11904	9, 17	Sept. 27
Gowell, George W	9329	8, 8	Apr. 27
Goldthwait, Harrison	9336	22, 22	May 17
Grove, Benjamin S	9350	9, 9	June 9
Griffin, John B	9356	14, 17	June 19
Goldthwait, Daniel	9377	23, 23	July 26
Gott, John A	9391	4, 4	Aug. 23

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Portland, Me.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Green, William S	11927	4, 4	Dec. 6	Oakes, George H	9370	10, 10	July 6
Hodgdon, Converse O	9303	1, 1	Jan. 26	Oliver, Orville C	9381	19, 21	July 30
Harding, Robert L	9312	5, 13	Mar. 6	Orne, Alvah Morton	11931	1, 7	Dec. 18
Hewitt, Charles E	9331	18, 18	Apr. 29	Perkins, James E	9320	2, 10	Mar. 29
Hathorne, James A	9337	16, 18	May 17	Parsons, Edward L	9361	12, 12	June 28
Haskell, Nathaniel	9392	10, 19	Aug. 24	Perkins, James F	9376	8, 11	July 17
How, Charles H	11915	7, 13	Nov. 1	Pollister, George A	11901	7, 15	Sept. 12
Hilyard, Charles	11919	14, 24	Nov. 6	Pike, Samuel F	11907	10, 18	Oct. 5
Houghton, Amory M	11921	16, 16	Nov. 13	Quinnam, Alec G	9397	4, 8	Sept. 7
Ingraham, Mark L	9358	14, 18	June 22	Ross, Walter	9328	11, 17	Apr. 27
Ingraham, Oris R	9380	29, 29	July 30	Reed, Frank D	9343	9, 9	May 25
Johnson, Eugene W	9302	6, 8	Jan. 25	Race, Alfred	9379	10, 10	July 28
Jones, J. Logan	9323	4, 4	Apr. 2	Rowe, Frank R	9398	5, 12	Sept. 7
Johnson, Alfred	9388	2, 5	Aug. 12	Ritson, Thomas	11911	20, 20	Oct. 12
Kennard, Walter C	9358	9, 9	May 17	Snow, Israel	9306	5, 5	Feb. 15
Keller, Benjamin	9373	13, 14	July 13	Snow, Richard K	9307	5, 5	Do.
Kerst, George W	11902	12, 12	Sept. 13	Seabury, Benjamin M	9333	5, 9	May 11
King, James A	11922	26, 26	Nov. 13	Smith, George B	9346	8, 8	June 5
Long, James L	9353	9, 13	June 10	Snowman, William	9354	10, 25	June 15
Leeman, Martin	9367	19, 19	June 29	Sawtelle, William C	9368	15, 15	July 2
Lambert, Edward H	9378	16, 17	July 27	Sawyer, Charles C	9369	5, 5	Do.
Low, Herbert	9395	25, 26	Sept. 4	Snowman, William W	11908	25, 25	Oct. 6
Low, Gilman A	9399	26, 26	Sept. 10	Sterling, John T	11910	14, 14	Oct. 11
Lewis, Ira W	11905	19, 19	Sept. 28	Thompson, John A	9301	3, 6	Jan. 14
Murray, William B	9313	1, 3	Mar. 11	Trafton, John F	9315	19, 20	Mar. 16
Mason, Daniel	9332	16, 21	May 7	Thompson, James E	9316	3, 14	Do.
McKown, Florence M	9334	1, 3	May 12	Townsend, Horace B	9363	14, 14	June 28
Munroe, John B	9335	8, 14	May 14	Thompson, John	9364	21, 21	Do.
Magraw, James	9340	9, 16	May 21	True, Edward	9389	9, 17	Aug. 13
Miller, Peter F	9342	17, 17	May 25	Westman, Robert F	9322	1, 6	Apr. 1
McClain, Llewellyn	9344	8, 8	June 2	Webber, Isaac H	9325	7, 7	Apr. 10
Murray, Samuel D	9355	11, 11	June 15	Whitmore, James T	9341	7, 7	May 24
Miller, Daniel, jr	9375	5, 5	July 15	Whittam, Fenrick	9345	3, 7	June 4
Murray, Isaac L	9382	5, 5	July 30	Webber, John P	9359	13, 14	June 22
Murray, Albert	9385	15, 20	Aug. 7	Wyman, Andrew T	9396	15, 22	Sept. 4
McLain, Almon D	9387	4, 12	Do.	Webster, George G	11909	15, 15	Oct. 7
Marr, William F	11903	9, 16	Sept. 21	Weed, David A	11920	4, 4	Nov. 12
McKown, Samuel F	11932	2, 2	Dec. 18	Willard, Benjamin J	11929	11, 11	Dec. 7
Oliver, Alfred S	9366	26, 26	June 29	Weed, Frederick P	11934	6, 6	Dec. 30

Mates licensed during the year ended December 31, 1897—Portland, Me.

Allen, Frank C	1007	22, 22	June 8	Hosmer, John A	1001	15, 15	Jan. 22
Apt, Daniel	1012	10, 10	Aug. 25	Hilton, Scott R	1019	3, 3	Dec. 2
Brewer, Elma E	1010	7, 7	July 20	Mansfield, William H	1009	6, 6	July 3
Cummings, John J	1016	8, 8	Oct. 6	Pettigrove, Frank E	1011	9, 9	Aug. 16
Deering, Edward B	1008	8, 8	June 30	Sturdivant, Albert G	1003	22, 22	Feb. 15
Dyer, Ansil L	1014	2, 2	Sept. 4	Thompson, Hugh	1006	19, 19	May 18

Mates and pilots licensed during the year ended December 31, 1897—Portland, Me.

Bowden, Alonzo F	1013	5, 5	Aug. 26	Mahoney, Girard	1015	5, 10	Sept. 10
Chamberlain, Henry	1005	2, 15	Apr. 10	Strout, Lewis F	1002	2, 3	Jan. 30
Linscott, Austin	1018	3, 9	Nov. 11	Seavey, Phillip Henry	1017	6, 10	Oct. 27
McDonald, Edward	1004	7, 9	Apr. 3				

Pilots licensed during the year ended December 31, 1897—Portland, Me.

First-class pilots.				*First-class pilots*—Continued.			
Craig, Cornelius	1607	4, 4	Mar. 27	Mitchell, Stephen	1606	3, 3	Mar. 17
Chadwick, Warren E	1608	2, 2	Apr. 2	Mitchell, Charles M	1614	7, 7	June 29
Cook, Edwin W	1609	7, 7	June 17	Nelson, Lewis M	1625	7, 7	Nov. 29
Frisbee, Charles W	1617	8, 8	Aug. 13	Oliver, Scott B	1626	7, 12	Dec. 30
Garnett, Uriah J	1613	7, 7	June 28	Perkins, Horace T	1601	1, 1	Jan. 9
Grant, Wyer G	1624	8, 8	Nov. 5	Preble, Wellington C	1603	8, 8	Jan. 30
Hatch, Samuel F	1605	9, 10	Feb. 26	Pederson, Anton T	1610	8, 8	June 22
Holden, Thomas	1618	5, 5	Sept. 14	Percy, Mark L	1615	1, 4	July 31
Locke, William C	1621	12, 18	Oct. 7	Stacey, George W	1602	6, 11	Jan. 25

Pilots licensed—Portland, Me.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Smith, Clinton P	1604	6, 7	Feb. 3
Spinney, Eugene H	1616	7, 7	July 31
Spear, Albert M., jr	1623	4, 4	Nov. 1
Upton, Joseph H	1619	3, 7	Sept. 15
Upton, George H	1620	7, 7	Sept. 21
Warren, Charles H	1622	3, 3	Oct. 12
Yeaton, George A	1611	14, 14	June 24
Young, Oscar J	1612	2, 2	June 28
Second-class pilots.			
Amee, Amos W	2050	8, 8	May 18
Andrews, Adoniram B	2052	2, 2	June 1
Allen, Warren C	2108	8, 8	Aug. 13
Ames, Alfred R	2129	6, 6	Sept. 14
Brewer, Nahum W	2020	4, 4	Mar. 31
Bogan, Hugh L	2022	3, 3	Apr. 7
Batson, William H	2034	11, 11	Apr. 24
Byam, Andrew J	2040	3, 3	May 7
Baker, Edward A	2075	4, 4	July 6
Butman, William G	2092	15, 15	July 22
Butterworth, Horace T	2128	10, 10	Sept. 14
Brackett, Jeffrey R	2130	12, 12	Do.
Baxter, Hartley C	2145	3, 4	Oct. 11
Bolton, Charles D	2155	1, 1	Nov. 6
Bates, Elbert M	2157	8, 8	Nov. 16
Bray, Frank H	2158	5, 5	Nov. 18
Coss, Thomas W	2002	3, 3	Jan. 9
Cook, Samuel	2028	8, 8	Apr. 13
Chase, Wallace S	2042	3, 3	May 8
Coffin, Warren M	2097	17, 17	July 28
Crocker, William W	2099	11, 11	July 31
Curtis, James	2100	7, 7	Aug. 2
Cameron, Artemas	2113	7, 7	Aug. 25
Coffin, Edwin, jr	2138	12, 12	Sept. 28
Curtis, Willis L	2144	2, 2	Oct. 8
Delano, Alphens	2011	14, 14	Feb. 9
Dodge, Melville H	2012	5, 5	Feb. 12
Delano, Herbert A	2035	5, 5	Apr. 27
Davis, George F	2083	4, 4	July 15
Davis, George F	2116	3, 3	Aug. 26
Doyle, Leon A	2150	1, 1	Oct. 26
Emery, James	2043	7, 7	May 8
Foster, Allen G	2036	2, 2	Apr. 27
Fossett, Eldorus M	2038	7, 7	Apr. 29
Frisbee, E. M	2112	5, 5	Aug. 25
Farmer, Lyman S	2137	1, 1	Sept. 27
Goud, Charles A	2005	17, 17	Jan. 18
Griffin, David	2009	3, 3	Feb. 4
Gates, Wilbert M	2047	2, 2	May 15
Goldthwait, Edward W	2077	4, 4	July 12
Gilbert, Frank O	2101	4, 4	Aug. 3
Green, John H	2119	1, 1	Aug. 27
Gray, Albert P	2124	7, 7	Sept. 4
Green, William F	2133	10, 10	Sept. 21
Hughes, John H	2013	7, 7	Feb. 13
Horton, George E	2015	3, 3	Feb. 20
Holmes, John H	2029	9, 9	Apr. 13
Hodgkins, Augustus H	2037	2, 2	Apr. 29
Hyde, Charles E	2056	11, 11	June 5
Huntoon, Hiram M	2069	5, 5	June 28
Hogan, Alfred H	2080	13, 13	July 13
Hodgkins, Fred H	2103	7, 7	Aug. 5
Harvey, Sydney J	2152	14, 14	Nov. 1
Jewett, Merrill C	2004	1, 1	Jan. 11
Johnson, Ulmer W	2071	4, 4	June 29
Jack, Charles W	2088	9, 9	July 19
Jewett, John G	2164	7, 7	Dec. 14
Kalloch, William R	2019	4, 4	Mar. 30
Kennedy, Alexander J	2021	5, 5	Mar. 31
Kennedy, Clinton M	2033	2, 2	Apr. 22
Kingsbury, Charles W	2087	10, 10	July 17
Kimpton, Robert G	2098	7, 7	July 30
Lewis, John E	2106	4, 4	Aug. 11
Laighton, Oscar	2125	12, 12	Sept. 7
McLaughlin, James L	2003	4, 4	Jan. 9
Magee, Frank David	2024	6, 6	Apr. 10
Matthews, Richard	2044	17, 17	May 8
Second-class pilots—Continued.			
Mills, Willard A	2051	6, 6	May 27
McLain, Leonard T	2054	14, 14	June 2
McKown, Hardy	2055	4, 4	June 4
Morrill, Charles B	2057	2, 2	June 5
Miller, James B	2060	10, 10	June 15
McIntosh, Joseph H	2064	16, 16	June 21
McDuffie, Charles W. L	2070	9, 9	June 28
Mitchell, Guilford	2107	16, 16	Aug. 12
McClintock, John H	2132	10, 10	Sept. 18
Marshall, Fred H	2146	6, 6	Oct. 18
Matthews, Thomas	2151	10, 10	Oct. 26
Matthews, George H	2156	18, 18	Nov. 10
Merrill, Daniel Melvin	2163	13, 13	Dec. 13
Oliver, William S	2010	9, 9	Feb. 8
Otis, Alonzo	2017	4, 4	Mar. 13
Orne, Parker M	2046	3, 3	May 11
Pierce, Irving	2016	2, 2	Mar. 12
Prout, George W	2030	3, 3	Apr. 14
Poland, Edward	2031	8, 8	Apr. 15
Pruett, Joseph A	2084	5, 5	July 16
Philbrook, Charles L	2109	4, 4	Aug. 20
Pinkham, William E	2135	1, 1	Sept. 23
Peterson, Daniel	2153	15, 15	Nov. 3
Patch, William F	2160	9, 9	Nov. 27
Robinson, Edwin	2049	10, 10	May 17
Richardson, Peter	2063	7, 7	June 17
Rowe, Seth E	2095	10, 10	July 26
Robinson, Gardiner L	2102	9, 9	Aug. 4
Rand, William G	2123	6, 6	Sept. 2
Reed, Burton E	2162	8, 8	Dec. 8
Strout, Bartlett W	2014	5, 5	Feb. 19
Starling, Joseph	2061	11, 11	June 15
Sinclair, Oscar I	2072	6, 6	June 30
Smith, Edwin C	2076	5, 5	July 8
Sawyer, Smith D	2093	14, 14	July 24
Summerton, Thomas	2118	8, 8	Aug. 26
Spear, Benjamin B	2147	4, 4	Oct. 20
Smith, Horace R	2161	7, 7	Dec. 1
Thompson, Charles A	2039	6, 6	May 4
Tibbetts, Gardiner	2045	6, 6	May 11
Taylor, Prescott H	2058	4, 4	June 5
Turner, Thomas D	2136	2, 2	Sept. 23
Trefethen, Horatio W	2142	15, 15	Oct. 2
Todd, George W	2149	8, 8	Oct. 26
Wells, Ernest E	2007	1, 1	Jan. 26
Wright, John F	2018	12, 12	Mar. 29
Watson, Harrison G	2127	6, 6	Sept. 11
Young, Nathan H	2023	2, 2	Apr. 7
Young, Frank H	2122	7, 7	Sept. 1
Young, Henry E	2126	12, 12	Sept. 11
Special pilots.			
Allen, Charles B	2059	3, 3	June 15
Andrews, G. Willett	2079	7, 7	July 12
Abrams, Thomas H	2139	6, 6	Sept. 29
Amazeen, Joseph S	2140	4, 4	Sept. 30
Adams, Albert H	2148	7, 7	Oct. 23
Brackett, George F	2006	5, 5	Jan. 22
Bryant, Frank A	2081	7, 7	July 13
Brooks, Fordyce B	2085	1, 1	July 16
Cummings, Lincoln C	2048	3, 3	May 17
Carleton, Frank W	2073	7, 7	July 2
Curtis, Oakley C	2094	1, 1	July 24
Chenery, William N	2154	2, 2	Nov. 4
Davis, Linwood A	2041	2, 2	May 8
Dyer, John L	2068	1, 1	June 24
Douglass, Charles A	2105	5, 5	Aug. 10
Farnsworth, Lincoln A	2117	7, 7	Aug. 26
Fifield, George S	2131	4, 4	Sept. 15
Gamage, Elliott P	2078	4, 4	July 12
Goold, William Willis	2159	4, 8	Nov. 23
Hildreth, William R	2053	2, 2	June 1
Hodgkins, Elijah K	2096	5, 5	July 26
Heard, Henry E	2110	4, 4	Aug. 21
Hersey, Samuel S	2114	5, 5	Aug. 25
Holbrook, Charles S	2120	3, 3	Aug. 30
Harrington, Hollie	2143	1, 1	Oct. 2

Pilots licensed—Portland, Me.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.				*Special pilots*—Cont'd.			
Johnson, Abner C	2086	3, 3	July 17	Rowe, Charles E	2104	5, 5	Aug. 7
Jones, Joseph R	2089	6, 6	July 19	Reed, Prescott O	2134	6, 6	Sept. 21
Kendall, Edward P	2074	5, 5	July 2	Smith, Hiram	2027	4, 4	Apr. 13
Langley, Edward I	2025	2, 2	Apr. 10	Shepard, Leander	2091	10, 10	July 21
Langley, Charles S	2032	5, 5	Apr. 19	Stickney, Henry R	2111	8, 8	Aug. 21
Marden, Henry A	2008	3, 3	Jan. 30	Thompson, Alden P	2001	5, 5	Jan. 9
McDuffie, William S	2115	7, 7	Aug. 26	Thompson, Francis	2026	6, 6	Apr. 10
Morgan, Samuel C	2165	3, 3	Dec. 30	Vinton, Ernest E. M	2082	13, 13	July 13
Nickerson, Edward B	2067	7, 7	June 22	Williams, Amasa C	2066	3, 3	June 22
Paul, Everatt J	2062	3, 3	June 17	Young, Stephen E	2065	2, 2	June 21
Pettigrew, John	2090	1, 5	July 20	Young, Gleason	2141	6, 6	Sept. 30
Powers, Harry E	2121	5, 5	Sept. 1				

Joint pilots and engineers licensed during the year ended December 31, 1897—Portland, Me.

Allen, Harry J	505	1, 1	June 21	Greenough, Edward P	519	1, 1	Sept. 25
Bolton, Edward F	501	1, 2	May 22	Hodgdon, Samuel	518	5, 5	Sept. 13
Brackett, Hartley G	502	1, 1	May 26	Kelsey, Fred B	504	5, 5	June 17
Barker, Percy L	508	5, 5	July 21	Littlefield, Archie	506	1, 1	July 13
Brown, Eben N	516	1, 1	Sept. 4	Swett, Oren R	503	1, 1	June 17
Cobb, Lyman H	515	1, 1	Aug. 18	Snow, Edward Hall	509	5, 5	July 21
Chenery, Henry L	520	2, 2	Oct. 25	Weber, Carl F. A	510	3, 3	July 26
Donnell, Harry H	507	1, 1	July 20	Willey, George A	511	1, 1	July 28
Emery, Walter H	514	2, 2	Aug. 16	Wilson, Fred M	512	4, 4	Aug. 3
Fifield, George E	517	5, 5	Sept. 11	Webster, Benjamin	513	6, 6	Do.

Engineers licensed during the year ended December 31, 1897—Portland, Me.

Chief engineers (ocean).				*Chief engineers (inland)*—Continued.			
Blaisdell, Walter L	9336	1, 14	Apr. 27	Bennett, Albert B	9354	1, 8	June 28
Bucknam, Woodbury R	9356	7, 24	June 29	Blake, Frederick W	9376	11, 13	Aug. 16
Blanchard, Harry C	9357	19, 22	July 8	Briggs, William C	9392	1, 6	Sept. 25
Clark, Clinton H	9305	1, 19	Feb. 5	Bennett, William D	9400	15, 18	Nov. 2
Callan, John	9359	6, 27	July 9	Boardman, Corydon H	12506	14, 16	Dec. 3
Clapper, Edwin B	9363	25, 27	July 17	Banks, George C	12510	10, 14	Dec. 18
Coffin, John B	9369	1, 10	July 26	Cole, John A	9326	1, 16	Apr. 8
Dorey, William H	12508	24, 25	Dec. 9	Cook, William H	9360	1, 5	July 12
Farnham, Harry C	9304	7, 12	Jan. 26	Cook, George W	9364	1, 14	July 17
Flagg, Lester	9329	1, 25	Apr. 13	Crocker, Frank W	9374	14, 18	Aug. 3
Foss, Charles O	9333	9, 20	Apr. 26	Cressey, Alonzo H	9379	1, 10	Aug. 20
Gowell, Leonard	9388	23, 41	Sept. 16	Coombs, Raymond	12507	1, 6	Dec. 6
Howe, John H	9331	15, 27	Apr. 19	Doughty, George H	9322	10, 15	Apr. 5
Hinckley, Samuel P	9370	13, 24	July 28	Dunton, Clark B	9328	10, 14	Apr. 12
Hinckley, David J	9393	9, 16	Oct. 5	Desmond, John	9340	18, 26	May 18
Hodgkins, Charles E	12504	31, 41	Nov. 18	Doyle, Peter S	9391	1, 6	Sept. 21
Johnson, George C	9367	26, 43	July 26	Farnham, James O	9321	20, 28	Apr. 3
Kerst, Grant W	9330	1, 6	Apr. 13	Fuller, Ralph H	9325	1, 5	Apr. 8
Kerst, Daniel W	9365	5, 16	July 22	Foster, Eben L	9343	1, 1	May 28
Kotzschmar, Herman, jr.	9383	1, 2	Aug. 31	Foss, Charles L	9390	7, 14	Sept. 21
				Farnham, Fremont	9398	16, 24	Nov. 2
Merrill, Thomas B	9314	20, 31	Mar. 11	Garland, William E	9303	1, 14	Jan. 20
Merritt, James H	9385	14, 19	Sept. 12	Gowell, George W	9334	27, 29	Apr. 26
Pond, Fred E	9318	1, 8	Mar. 18	Goodnow, Windsor W	9341	1, 7	May 18
Robinson, Steelman S	9377	3, 9	Aug. 17	Gould, Thomas W	9349	9, 14	June 5
Ryfles, William H	9394	14, 33	Oct. 7	Gorton, Thomas E	9351	1, 17	June 10
Sands, John	9308	7, 13	Feb. 10	Gray, Charles F	9362	10, 13	July 13
Taylor, John M	9371	25, 30	July 28	Gowell, Frederic H	9387	25, 25	Sept. 14
Taylor, Robert T	9396	8, 11	Oct. 20	Gould, Charles F	9389	11, 15	Sept. 18
				Hyde, Charles E	9348	11, 11	June 5
Chief engineers (inland).				Haskell, George P	9368	4, 14	July 26
				Harris, Charles C	9375	10, 13	Aug. 4
				Hughes, John H	9380	1, 19	Aug. 20
Allen, Charles H	9346	13, 25	June 2	How, Frank D	9397	10, 27	Nov. 2
Abbott, Watson W	9361	1, 11	July 13	Hagan, Charles A	9399	15, 15	Do.
Andros, Robert S	9373	1, 16	July 31	Harrington, James E	12501	1, 11	Nov. 3
Buswell, Charles W	9332	11, 19	Apr. 24	Jewett, Alfred F	9335	1, 9	Apr. 26
Baker, Charles H	9337	1, 3	Apr. 27	Keizer, Irvin	12509	8, 8	Dec. 18
Boggs, Alexander B	9339	17, 18	May 3	Lord, Hollis J	9312	1, 5	Mar. 10
Baker, Fulf J	9344	2, 2	May 28	Lilly, Wilbur A	9327	1, 8	Apr. 10
Baumgartner, Richard	9347	14, 14	June 5	Leavitt, George W	9358	1, 12	July 8

Engineers licensed—Portland, Me.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Lindsey, Albert F	12505	1, 8	Nov. 29
McGunigle, George A	9310	1, 13	Feb. 19
McNeil, Donald	9313	1, 2	Mar. 10
Morrison, James H	9320	1, 11	Apr. 1
McLain, Melvin	9345	10, 16	June 1
McRea, Daniel A	9381	1, 9	Aug. 30
McElwee, William T	9384	5, 13	Sept. 3
Mitchell, Vernon D	9395	1, 12	Oct. 19
Marshall, Courtney E	12502	1, 1	Nov. 13
Patterson, Joseph S	9319	1, 5	Mar. 19
Rowe, George W	9307	12, 26	Feb. 8
Ricker, Robert W	9309	10, 15	Feb. 15
Richards, Edward P	9317	7, 15	Mar. 18
Rowe, Alfred E	9324	1, 4	Apr. 7
Ridgway, Henry	9338	9, 12	May 3
Robinson, Benjamin	9382	9, 12	Aug. 31
Sproul, Charles A	9301	1, 7	Jan. 9
Sawyer, William H	9315	1, 3	Mar. 16
Saunders, Samuel	9316	15, 25	Do.
Stubbs, J. Harvey	9323	2, 2	Apr. 7
Shea, Herbert C	9366	1, 17	July 26
Sampson, Charles T	9378	1, 12	Aug. 20
Shea, Robert	9386	1, 33	Sept. 13
Symonds, George T	12503	2, 13	Nov. 17
Trafton, Everett L	9306	1, 9	Feb. 5
Titcomb, Ernest W	9311	1, 9	Feb. 25
Titcomb, Howard C	9342	1, 2	May 19
Varney, Edward D	9350	7, 11	June 9
Waite, William C	9302	1, 7	Jan. 16
Ward, Scott R	9352	1, 12	June 15
Wade, Richard	9353	24, 29	June 17
Webb, Charles A	9355	7, 7	June 28
Wyman, James O	9372	1, 7	July 29
Engineers in charge of steamers of 100 tons and under and over 10 tons.			
Abrams, Thomas H	2807	13, 13	Jan. 19
Andrews, Geo. W., jr	2809	4, 4	Feb. 1
Adams, Albert H	2839	4, 4	Apr. 24
Amee, J. Percy	2862	6, 6	May 28
Brown, William H	2803	3, 3	Jan. 11
Butman, Sanford S	2811	4, 4	Feb. 5
Baxter, Robert G	2815	10, 10	Mar. 3
Batty, John	2830	10, 10	Apr. 2
Boardman, Walter S	2834	6, 6	Apr. 10
Boardman, James K	2863	3, 3	May 28
Batty, George	2879	16, 16	June 28
Brix, John Hansen	2896	7, 7	July 30
Butterfield, Charles C	2905	6, 8	Aug. 21
Batty, William C	2906	17, 17	Aug. 24
Brower, Charles E	2910	15, 15	Aug. 28
Cutting, Charles H	2870	14, 14	June 8
Caton, William A	2895	15, 15	July 29
Coombs, Frederick W	2926	17, 17	Oct. 1
Donovan, Richard	2845	4, 4	Apr. 29
Dowling, Alfred D	2868	7, 7	June 5
Eastman, George W	2841	24, 24	Apr. 26
Evans, Charles N	2876	4, 4	June 22
Fowle, Wellington J	2840	20, 20	Apr. 24
Griffin, William H	2808	25, 25	Jan. 26
Grant, Samuel E	2810	8, 8	Feb. 1
Gordon, Nathaniel	2820	10, 10	Mar. 12
Goud, Charles A	2874	6, 6	June 21
Gerard, Frank	2875	21, 21	June 22
Goldthwait, Edward W	2885	9, 9	July 12
Grover, Albion	2923	12, 12	Sept. 18
Grant, William W	2936	2, 2	Nov. 6
Hanscom, Jackson A	2801	5, 5	Jan. 9
Hawkes, William H	2855	2, 2	May 13
Hersey, Frank A	2897	15, 15	July 30
Hodgkins, Sheridan	2941	10, 10	Dec. 14
Jewett, Hylan M	2819	1, 1	Mar. 10
Kuse, Frank O	2814	10, 10	Feb. 25
Engineers in charge of steamers of 100 tons and under and over 10 tons—Continued.			
Keegan, Thomas H	2932	2, 2	Oct. 19
King, James A	2939	14, 14	Nov. 13
Ludwick, William A	2823	2, 2	Mar. 24
Langley, Charles S	2835	2, 2	Apr. 10
Lockrey, James E	2851	15, 15	May 8
Libby, Harry S	2878	24, 24	June 22
Laighton, Oscar	2914	13, 13	Sept. 7
Lockrey, Frank	2917	17, 17	Sept. 11
McShane, Edward H	2818	1, 1	Mar. 10
McCrink, John	2854	5, 5	May 12
Matthews, Albert E	2883	9, 9	July 8
Maloney, Orris S	2892	5, 8	July 26
Morrison, William T	2901	11, 11	Aug. 16
McNamara, William P	2925	7, 7	Sept. 30
Nickerson, Edward B	2903	9, 9	Aug. 20
Orne, Baker P	2804	9, 9	Jan. 16
Perkins, Roscoe	2805	11, 11	Jan. 18
Pinkham, Ralph	2850	5, 5	May 8
Preble, Albert	3856	26, 26	May 13
Pratt, William P	2861	9, 9	May 26
Purington, Alpheus	2900	16, 16	Aug. 16
Peterson, Chas. W. H	2938	16, 16	Nov. 11
Ricker, James H	2802	21, 21	Jan. 11
Ricker, John S	2828	13, 13	Mar. 31
Robinson, Charles M	2921	9, 9	Sept. 15
Roberts, Gustavus T	2937	11, 11	Nov. 11
Schroeder, John F	2812	5, 5	Feb. 18
Shaw, Edwin M	2827	16, 16	Mar. 26
Stetson, Eugene	2832	3, 3	Apr. 8
Simmons, Marion F	2842	2, 2	Apr. 27
Smith, Arthur B	2852	4, 4	May 10
Studley, Byron	2857	12, 12	May 17
Shea, William H	2860	18, 18	May 24
Springer, Melvin S	2867	12, 12	June 5
Spear, Albert M., jr	2888	8, 8	July 13
Smith, William	2889	17, 17	July 17
Small, Thomas	2908	10, 10	Aug. 26
Symonds, Charles F	2913	12, 12	Sept. 3
Schwartz, Gardiner E	2919	2, 5	Sept. 14
Sargent, Oliver H	2944	1, 1	Dec. 29
Thomas, John R	2831	12, 12	Apr. 6
Thompson, William L	2886	11, 11	July 12
Todd, George W	2934	8, 8	Oct. 27
Walker, Nelson Y	2813	2, 2	Feb. 25
Welch, Willie D	2821	3, 6	Mar. 17
Young, Henry E	2869	6, 6	June 8
Yates, Joseph T	2940	1, 1	Nov. 30
First assistant engineers (ocean).			
Doyle, John W	2864	13, 14	June 1
Fitzpatrick, John	2806	4, 4	Jan. 19
Gackenbach, Richard C	2844	8, 12	Apr. 29
Lord, Charles H	2927	6, 12	Oct. 5
Lindsey, John E	2928	6, 6	Oct. 8
Mills, John L	2918	7, 7	Sept. 13
Smith, John H	2942	2, 5	Dec. 18
Walton, John T	2881	7, 24	June 28
Wright, Frank G	2884	1, 8	July 9
First assistant engineers (inland).			
Alexander, Joseph F	2826	7, 9	Mar. 26
Andreason, Ole	2848	7, 7	May 4
Austin, Melvin D	2865	7, 7	June 2
Butman, John, jr	2871	8, 12	June 9
Bragdon, John F	2880	13, 13	June 28
Cole, William M	2849	14, 15	May 5
Curtis, Hartley T	2866	5, 7	June 2
Churchill, Columbus	2907	8, 8	Aug. 24
Crooker, Fred W	2929	7, 20	Oct. 9
Dyer, Frank	2816	1, 2	Mar. 5
Dillon, John A	2853	8, 8	May 11
De Wolf, Warren S	2872	1, 9	June 9

Engineers licensed—Portland, Me.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers (inland)—Cont'd.			
Eldridge, Charles H	2847	7, 8	May 3
Foss, Warren G	2894	10, 10	July 29
Green, Walter H	2890	9, 9	July 26
Gatchell, Ernest W	2904	8, 8	Aug. 20
Hutchings, Fred R	2817	4, 4	Mar. 6
Hersey, William H	2836	8, 8	Apr. 17
Haley, Jacob W	2882	6, 9	July 8
Knight, Henry W	2837	9, 9	Apr. 19
Le Hane, James W	2922	7, 7	Sept. 16
Mitchell. Harry L	2877	8, 8	June 26
McDuffie, Ernest G	2891	7, 7	July 22
Matthews, Thomas	2933	8, 19	Oct. 26
Post, Fred L	2858	6, 13	May 18
Palmer, George A	2951	8, 8	Oct. 19
Perkins, William H	2935	7, 24	Nov. 2
Riley, Patrick	2887	1, 1	July 13
Ridley, Frank B	2899	6, 6	Aug. 10
Simpson, James	2824	13, 13	Mar. 24
Spear, Pearl E	2833	5, 5	Apr. 8
Smith, Preston E	2893	8, 8	July 28
Symonds, William A	2924	10, 10	Sept. 25
Thompson, Joseph E	2843	4, 4	Apr. 29
Thurlow, John N	2873	2, 11	June 13
Verrill, Charles Lewis	2898	9, 9	July 30
Wells, Joseph A. N	2822	4, 4	Mar. 18
Wardwell, George A	2846	7, 14	May 3
Williams, Willis H	2909	1, 1	Aug. 26
Watson, George B	2916	10, 10	Sept. 10
Second assistant engineers (ocean).			
Flagg, William B	2859	1, 2	May 22
Johnson, John	2920	1, 1	Sept. 14
Podmore, William J	2838	1, 1	Apr. 19
Ray, James	2829	13, 20	Mar. 31
Starling, Alberti	2943	1, 10	Dec. 24
Trecartin, Wilford A	2912	3, 8	Sept. 1
Second assistant engineer (inland).			
Clancy, Charles	2915	11, 13	Sept. 10
Malone, Murtagh J	2930	11, 12	Oct. 16
Oliver, George A	2825	12, 12	Mar. 26
Ripley, Charles E	2911	9, 11	Aug. 30
Third assistant engineer (ocean).			
Foss, W. Grant	2902	1, 7	Aug. 17
Special engineers.			
Anderson, Enoch F	1027	2, 2	Aug. 7
Bolton, Edward F	1001	1, 1	Jan. 9
Brackett, George F	1002	5, 5	Jan. 21
Brown, William W	1046	6, 6	Nov. 30
Carney, Norman H	1006	4, 4	Apr. 8
Colley, Fred L	1009	8, 8	Apr. 29
Copeland, Oliver E	1041	1, 1	Oct. 2
Davies, E. Edward	1003	4, 4	Mar. 23
Davenport, Stephen F	1013	12, 12	June 9
Dunse, William R	1018	2, 2	July 12
Dodge, Alonzo H	1038	2, 2	Sept. 3
Farrar, George C	1004	3, 3	Mar. 26
Fuller, Fred H	1028	4, 4	Aug. 12
Gilmore, Syreno P	1008	4, 4	Apr. 19
Gray, Willis H	1040	1, 1	Sept. 30
Grant, John F	1047	1, 1	Dec. 11
Hildreth, George W	1021	2, 2	July 12
Hartford, Charles L	1024	3, 3	July 16
Hodgkins, Harlan M	1029	2, 2	Aug. 18
Holbrook, Charles S	1031	3, 3	Aug. 24
Hersey, S. S	1032	6, 6	Aug. 27
Hathorn, George G	1034	4, 4	Aug. 30
Hammett, Stanis M	1043	8, 8	Oct. 22
Kennedy, Clinton M	1007	4, 4	Apr. 14
Kendall, Edward P	1016	5, 5	July 2
Noyes, Joseph E	1005	2, 2	Apr. 2
Pittee, George W	1012	3, 3	June 8
Potter, Thomas D	1015	6, 6	July 2
Peary, George I	1033	4, 4	Aug. 30
Powers, Harry E	1035	5, 5	Sept. 1
Russell, Ira	1017	3, 3	July 8
Rowe, Sannie B	1045	5, 5	Nov. 23
Shepard, James Arthur	1010	3, 3	May 21
Searle, Floyd H	1022	4, 4	July 12
Smith, George W	1023	2, 2	July 15
Shepard, Leander	1025	10, 10	July 21
Stickney, Henry R	1030	8, 8	Aug. 21
Shaw, Howard C	1037	5, 5	Sept. 2
Sanborn, Bion W	1044	6, 6	Nov. 17
Tobey, Eugene C	1026	1, 1	July 28
Trask, Burton W	1036	5, 5	Sept. 1
Vinton, Ernest E. M	1019	8, 8	July 12
Vinton, William H	1020	4, 4	Do.
Welch, George E	1011	3, 3	June 5
Williams, Amasa C	1014	3, 3	June 22
Warren, Edward W	1039	5, 5	Sept. 14
Wylie, Willard A	1042	2, 2	Oct. 18

LOCAL DISTRICT OF PROVIDENCE, R. I.

Masters licensed during the year ended December 31, 1897—Providence, R. I.

Hussey, George B	9102	7	Jan. 2	Macomber, Edward G	9106	8	Jan. 8
McInnis, John	9114	2	Feb. 26	Millard, Martin V. B	9199	1	Feb. 6

Masters and pilots licensed during the year ended December 31, 1897—Providence, R. I.

Akin, Charles R	9112	9	Feb. 16	Brownell, John M	9108	14	Jan. 14
Armbrust, Peter H	9115	14	Mar. 6	Brightman, Milton I	9149	11	June 1
Allen, Frank E	13001	7	Sept. 21	Baker, Alonzo B	9182	5	Aug. 11
Almy, Theodore B	9117	4	Mar. 17	Burton, Franklin W	13006	16	Oct. 22
Almy, Darwin	13023	22	Dec. 29	Carr, Horace M	9180	16	Aug. 4
Briggs, Nathan A	9189	15	Aug. 21	Carr, George H	9177	14	July 24
Bowen, Ezra	9101	19	Jan. 2	Carr, Philip A	9178	14	July 27
Burgess, William H	9104	6	Jan. 4	Church, James B	9121	23	Mar. 25
Bartow, Aquilla P	9137	17	May 10	Cummings, John	9118	9	Mar. 18
Beeler, John A	9141	7	May 15	Cole, Arnold F	9123	9	Apr. 1
Brightman, Henry E	9153	7	June 15	Crandall, Oscar M	9126	6	Apr. 15
Bibber, John S	9183	22	Aug. 11	Chase, James E	9134	4	May 5

Masters and pilots licensed—Providence, R. I.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Conner, John E	9116	17	Mar. 8	Martin, James H	9181	11	Aug. 10
Cobb, Benjamin	9142	19	May 17	Murray, Joseph C	9198	10	Sept. 15
Conley, George W	9144	18	May 18	Miner, Walter W	9105	13	Jan. 7
Cornell, William A	9161	15	June 24	Nickerson, Henry T	13002	7	Oct. 1
Crocker, George C	9168	26	July 1	Nickerson, George F	9129	27	Apr. 23
Cook, Eugene N	9184	11	Aug. 11	Nichols, Charles D	9146	22	May 24
Cook, John B	13010	17	Oct. 27	Pettey, Julius A	9110	11	Feb. 9
Cottrell, George F	9187	14	Aug. 18	Pettigrew, Edward T	9124	11	Apr. 3
Champlin, Lionel H	9122	5	Mar. 31	Persons, M. S	9130	27	Apr. 27
Cavanagh, Michael J	9166	16	June 29	Potter, William B	9140	10	May 15
Dentz, George H	13007	18	Oct. 23	Pond, George E	9162	13	June 25
Dyer, Frederick O	9193	20	Sept. 2	Purkis, Charles A	13016	16	Nov. 30
Dyer, Charles P	9194	19	Do	Reynolds, Henry I	13012	8	Nov. 10
Davis, Elijah G	9151	24	June 2	Read, Rufus	9192	8	Aug. 30
Daggett, Samuel S	9157	15	June 18	Richardson, Albert F	9113	7	Feb. 19
Dibble, Peter	9190	19	Aug. 23	Rich, Moses B	9136	22	May 5
Dodge, Lemuel A	9111	13	Feb. 15	Rich, Fred W	9139	8	May 14
Daniel, Henry C	9156	15	June 17	Rich, James P	13020	13	Dec. 14
Fishback, Charles H	13003	12	Oct. 4	Rhodes, Samuel B	9191	33	Aug. 24
Fuller, John W	9169	10	July 3	Rose, William R	13008	18	Oct. 23
Furber, Charles H	9159	3	June 21	Ryan, John E	13009	7	Oct. 27
Gladding, Samuel	9196	11	Sept. 13	Ricketson, Charles B	13018	10	Dec. 4
Gray, Walter C	9107	9	Jan. 9	Staples, Fred P	13004	26	Oct. 9
Gray, Philip H	9128	9	Apr. 23	Sutton, Walter E	13005	26	Oct. 16
Gardner, Benjamin F	9143	19	May 18	Sutton, Nathaniel W. H	9103	30	Jan. 4
Gage, Edward E	9147	8	May 27	Sutton, Frank M	9172	19	July 10
Grinnell, Walter F	9152	13	June 5	Silvia, John C	9133	7	May 5
Grinnell, Daniel C	9163	17	June 25	Sherman, Jesse T	9150	9	June 1
Gibbs, Richard B	13013	26	Nov. 13	Sanford, Edwin M	9165	7	June 26
Hathaway, Edward C	13011	17	Nov. 2	Spooner, Joseph H	9173	13	July 10
Hathaway, Edward B	9170	17	July 8	Smith, William A	13021	8	Dec. 15
Hart, Eugene A	9119	9	Mar. 20	Taber, Albert W	9176	12	July 19
Hart, Gilbert J	13017	6	Dec. 1	Taylor, Jesse P	9185	26	Aug. 14
Hull, George B	9175	21	July 14	Tallman, Benjamin	9138	21	May 13
Healy, John J	13015	9	Nov. 23	Tubbs, George	9199	10	Sept. 18
Jaycox, Frank	9167	19	June 30	Torrey, William E	9171	18	July 8
Kelley, George H	9131	31	Apr. 30	Tripp, Benjamin E	9125	14	Apr. 10
Kelley, Eleazer	9155	13	June 16	Tourjee, Orrin L	9188	5	Aug. 19
Lee, John J	9200	14	Sept. 21	Van Ausdall, James	9148	16	May 28
Lee, Stephen F	9195	12	Sept. 13	Vincent, Ward P	13022	5	Dec. 16
Lindsey, John E	9179	14	Aug. 2	Weeser, Charles	9120	9	Mar. 24
Mason, Rollin E	9197	9	Sept. 14	Whiting, Frederick B	9127	12	Apr. 17
Manchester, Charles D	9135	13	May 5	Wheldon, William C	9145	9	May 19
Macomber, Edward P	9132	17	May 3	Willis, Edgar H	9154	22	June 16
MacDonald John A	9158	11	June 21	Williamson, George H	9164	17	June 25
Marshall, Francis J	9160	15	June 23	Webber, Harvey H	13014	23	Nov. 20
Mason, Charles T	9174	21	July 13	White, Joseph H	13019	13	Dec. 6
Manchester, Isaac F	9186	14	Aug. 16				

Mates licensed during the year ended December 31, 1897—Providence, R. I.

Gifford, Theodore D. W	525	7	July 29	Vaughn, Joseph	526	8	Aug. 3

Mates and pilots licensed during the year ended December 31, 1897—Providence, R. I.

Aiken, George B	524	7	June 5	Kelley, Doane, jr	522	7	Apr. 15
Bromwell, Harry	520	1	Jan. 21	Nickerson, James W	1651	8	Nov. 13
Chase, Francis H	519	9	Jan. 5	Smith, John P	523	10	May 10

Pilots licensed during the year ended December 31, 1897—Providence, R. I.

First-class pilots.				*First-class pilots*—Continued.			
Akin, Timothy, sr	1201	9	Jan. 8	Gould, Albert G	1220	10	Oct. 1
Baker, Samuel R	1222	3	Oct. 21	Grinnell, Daniel H	1210	1	June 17
Baker, Daniel A	1224	8	Dec. 23	Gray, Isaac E	1209	1	June 16
Bartlett, Nathaniel P	1204	10	May 17	Herreshoff, Nathaniel G	1212	2	July 1
Bihan, Gustave	1223	2	Oct. 21	Mason, A. Livingstone	1207	8	May 27
Card, Nicholas K	1218	6	Aug. 28	Macomber, Philip E	1214	1	Aug. 11
Champlin, Christopher L	1219	3	Sept. 13	Norton, Ambrose W	1205	5	May 19
				Perry, Joseph	1216	28	Aug. 23

Pilots licensed—Providence, R. I.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Palmer, George F	1215	8	Aug. 16
Phinney, Calvin C	1221	10	Oct. 5
Robinson, George D	1203	3	Apr. 6
Read, Henry R	1206	6	May 24
Shea, Dennis	1213	6	July 10
Seamans, Frank D	1217	2	Aug. 23
Silvia, Manuel K	1208	1	June 2
Second-class pilots.			
Adams, George A	1493	3	Nov. 2
Adams, Bert R	1485	1	Sept. 27
Adams, Charles F	1486	1	Oct. 2
Abbott, Fred L	1438	1	May 26
Anthony, David M	1482	14	Sept. 20
Anthony, Newton J	1433	1	May 5
Almy, Frank D	1447	2	June 22
Almy, Leon F	1446	6	June 19
Bayne, Washington C	1427	1	Apr. 14
Ball, J. W	1426	20	Apr. 9
Banigan, William B	1475	3	Sept. 2
Bryans, George W	1491	3	Oct. 16
Bourne, Augustus W	1488	10	Oct. 13
Buffington, Geo. R. H	1432	3	May 3
Brown, Arthur G	1463	4	July 24
Beck, Fred W	1460	9	July 17
Burgess, Charles F	1450	5	June 30
Belcher, Chester S	1480	1	Sept. 17
Bowman, Francis A	7403	2	Dec. 22
Cooper, John A	1404	2	Jan. 14
Cross, Charles W	1408	11	Mar. 3
Carr, Walter M	1410	3	Mar. 16
Carr, Rodman	1425	2	Apr. 9
Cornell, Elmer J	1494	2	Nov. 3
Champlin, Alvin L	1461	5	July 21
Church, George H	1477	10	Sept. 9
Cruickshank, Geo. W	1441	1	June 2
Christopher, Christian	1490	3	Oct. 13
Darling, Martin V. B	1492	9	Oct. 22
Dodge, John W	1419	7	Apr. 3
Earle, Edward M	1424	4	Apr. 8
Fingliss, Joseph F	1412	2	Mar. 18
French, Lynward	1453	3	July 2
Fuller, Charles A	1499	2	Dec. 1
Fitz, William	1470	1	Aug. 18
Grammont, Clarence T	1495	4	Nov. 3
Gray, Sidney D	1407	2	Feb. 20
Hunter, Samuel A	1468	5	Aug. 7
Hopkins, Charles E	1413	2	Mar. 19
Holmgren, John	1428	2	Apr. 15
Howland, William T	1452	5	July 1
Haskins, Edward B	1405	1	Jan. 20
Knowles, Henry T	7404	3	Dec. 29
Knowles, Adolphus C	1403	4	Jan. 13
King, Nathan	1472	7	Aug. 24
Kelley, George E	1418	12	Apr. 2
Lippitt, Robt. Lincoln	1487	11	Oct. 2
Loring, Eugene W	1417	7	Mar. 31
Ladd, Frank F	1467	2	Aug. 6
Second-class pilots—Continued.			
Lewin, William M	1421	1	Apr. 6
Lincoln, Harry D	1455	1	July 7
Lewis, John	7401	11	Dec. 17
Mason, Charles H	1465	1	July 30
Mason, Lowell C	1496	8	Nov. 13
Maxfield, Benjamin T	1422	2	Apr. 6
May, James H	1435	6	May 10
Manchester, Arthur	1457	1	July 9
McKay, Robert	1484	9	Sept. 25
McKay, William S	1434	2	May 8
McDonald, Roderick	1401	5	Jan. 5
Newell, William E	1464	14	July 29
Nye, Joseph K	1483	3	Sept. 20
Nettleton, Charles S	1409	5	Mar. 9
Nylund, Carl A	1481	5	Sept. 18
Nickerson, J. Fred	1414	1	Mar. 24
Payne, Thomas A	1498	1	Dec. 1
Payne, Charles G	1430	5	Apr. 19
Paine, Wm. Howard	1497	4	Nov. 18
Powers, William J	1449	3	June 29
Randall, Albert H	1474	11	Aug. 27
Rich, Thomas	1471	2	Aug. 18
Rose, George O	1415	1	Mar. 24
Rivett, Anthony C	1443	6	June 5
Soderman, Gustaf	1411	4	Mar. 16
Stuart, Benjamin E	1429	3	Apr. 17
Sutton, Henry L	1416	7	Mar. 30
Sweet, George W	1444	4	June 8
Sweet, Charles F	1469	7	Aug. 9
Spooner, Henry J., jr	1466	2	July 30
Stenman, Marc Walter	1473	2	Aug. 25
Sherman, Amos B	1420	1	Apr. 3
Smith, Joseph E., jr	1402	1	Jan. 6
Smith, John T	1476	10	Sept. 9
Tanner, William E	1436	4	May 24
Tallman, Chester B	1478	4	Sept. 14
Topham, Robert H	1423	1	Apr. 7
Tubbs, George E	1500	1	Dec. 11
Vickery, Jesse G	7402	1	Dec. 22
Wilcox, Henry C	1406	2	Jan. 30
Wilcox, Fernando A	1440	7	June 1
Weatherhead, George	1458	9	July 14
Special pilots.			
Anthony, Charles F	1439	3	June 1
Anthony, Henry F	1442	8	June 4
Brocklehurst, George A	1454	1	July 2
Cross, Alonzo T	1437	11	May 25
Cross, Emeline M	1445	7	June 18
Ford, William E	1462	4	July 22
Galleshaw, Thomas E	1489	1	Oct. 13
Linekin, Nathaniel C	1451	1	June 30
Phillips, George H	1431	3	Apr. 28
Peirce, George	1456	5	July 9
Rhodes, John C	1459	7	July 17
Tillinghast, Lodowick H	1448	5	June 28

Joint pilots and engineers licensed during the year ended December 31, 1897—Providence, R. I.

Ashton, Willard C	304	6	Apr. 21
Ashton, Joseph W	327	5	Oct. 30
Abbott, Fred L	305	6	May 10
Brassard, Joseph	325	4	Sept. 11
Bliss, Frank N	312	8	July 2
Brown, Edward H	302	3	Feb. 23
Borden, Frank	309	6	June 3
Burroughs, George H	313	8	July 8
Clifford, David B	320	3	Aug. 11
Chase, Benjamin G	323	1	Aug. 12
Francis, Manuel B	324	4	Sept. 4
Francis, Ralph H	322	2	Aug. 11
Fits, William	306	3	May 18
Goff, Walter H	319	7	Aug. 6
Gray, Samuel M	326	4	Sept. 11
Greene, Ralf C	303	2	Feb. 27
Kenyon, Charles C	308	1	May 27
Kenyon, William J	317	4	July 30
King, Fred L	311	5	June 26
Lawton, saac H	310	6	June 3
MacDonald, George A	316	3	July 24
Moisan, Louis G	314	4	July 14
Moore, James D	321	4	Aug. 11
Shurtleff, Seth A	318	7	Aug. 6
Salisbury, Alpha B	328	3	Nov. 12
Saunders, Clinton V	301	3	Feb. 23
Spooner, Henry J., jr	307	1	May 17
Webb, Alfred J	315	3	July 23

Engineers licensed during the year ended December 31, 1897—Providence, R. I.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean).			
Champlin, Richard	9190	31	Sept. 9
Dayton, George M	9192	22	Sept. 13
Darling, Martin V. B	13202	10	Oct. 22
Fitzler, Ferdinand H	9175	21	July 28
McLellan, Fred T	9110	25	Feb. 15
Merritt, Charles W	9163	34	June 24
Moore, James	13201	12	Oct. 12
Chief engineers (inland).			
Almy, Darwin	13219	19	Dec. 29
Almy, Frank D	9183	12	Aug. 19
Almy, Leon F	9198	9	Sept. 30
Armstrong, Thomas R.	9197	3	Sept. 29
Anthony, Newton J	9156	8	June 10
Albro, Charles E	9169	12	July 16
Burt, Elmer	13210	8	Nov. 18
Brooks, William H	13216	7	Dec. 7
Beattie, William F	9123	8	Apr. 8
Brightman, Charles E	9101	7	Jan. 5
Birdsall, Charles E	9113	6	Feb. 24
Baker, Fred A	9127	3	Apr. 13
Burdick, Howard E	9144	10	May 29
Briggs, Jefferson S	9152	8	June 5
Brooks, John	9165	11	June 25
Brooks, Peter C	9168	12	July 14
Butler, Herbert M	13203	3	Oct. 27
Bell, David I	9139	11	May 10
Benson, Bernard J	13211	20	Nov. 27
Colcord, William R	9181	16	Aug. 14
Collins, Thomas E	9105	22	Jan. 22
Canfield, Charles E	9194	11	Sept. 18
Cole, Arthur E	9115	4	Mar. 16
Collins, James	9125	21	Apr. 10
Cunningham, Hugh A	9135	20	May 3
Cranston, Charles R	9140	18	May 17
Cole, Walter L	9142	18	May 21
Cheney, Norman H	9158	9	June 14
Coppinger, Thomas A	9166	15	July 7
Cronin, John F	9170	16	July 20
Coursey, Mills G	13204	14	Nov. 6
Day, George O	9162	20	June 22
Dimsey, Eli	9180	11	Aug. 12
Dimsey, Joseph	9130	8	Apr. 17
Douglass, Andrew M	9104	33	Jan. 18
Drake Fred S	9116	5	Mar. 18
Davenport, Charles F	9149	24	June 2
Davis, Samuel W	9160	6	June 17
Drury, Patrick J	9137	1	May 5
Edwards, William H	9118	14	Mar. 30
Furber, George H	9187	38	Sept. 4
Finnerty, Michael	9195	11	Sept. 21
Garde, Charles H	9176	15	July 29
Gould, A. Gardner	9171	5	July 21
Hurlburt, Seth	9186	19	Sept. 1
Harney, James	9191	31	Sept. 10
Holland, Isaac F	13218	3	Dec. 27
Hale, Kirtland F	9114	14	Mar. 5
Harrall, William H	9119	7	Mar. 30
Henderer, Benjamin	9122	7	Apr. 5
Henderer, A. Horace	9136	8	May 3
Hummell, Christopher	9121	7	Apr. 5
Harrington, John T	9157	7	June 11
Harper, John W	9172	11	July 22
Holmes, Charles R	13217	10	Dec. 21
Hale, John H	9108	31	Feb. 15
Jones, Gilbert A	9143	15	May 21
Koedam, Harry	9129	14	Apr. 17
Killean, James	13214	15	Dec. 3
Lincoln, S. H	9178	18	Aug. 6
Luther, Hiram H	9132	12	Apr. 25
Moncrief, James A	9189	16	Sept. 7
Mason, Lowell C	13206	12	Nov. 12
Marchant, Edward D	9107	9	Feb. 1
Murphy, Bernard	9117	13	Mar. 22
McEvoy, James	9128	8	Apr. 17
Milliken, Charles W	9134	16	Apr. 28
Chief engineers (inland)—Cont'd.			
Mahon, Frank E	9153	7	June 8
Marmion, Thomas	9154	7	June 19
McNally, Thomas J	9177	8	Aug. 6
Mygatt, Frank H	9199	23	Oct. 6
McCool, William J	9148	5	June 2
Norton, Henry J	9112	3	Feb. 19
Northup, Benjamin E	9111	7	Feb. 17
Nye, Stephen F	9193	4	Sept. 15
Oliver, Edgar A	9124	7	Apr. 9
Orswell, William B	9145	16	May 24
Potter, Rouse T	9138	12	May 7
Presbrey, Seth M	9120	11	Apr. 1
Presbrey, Seth M., 2d	13213	4	Nov. 30
Peterson, Charles H	9151	17	June 5
Quillan, Edward T	13208	3	Nov. 17
Robertson, James T	9182	15	Aug. 19
Reid, Carl	9184	5	Aug. 20
Richardson, Freeman A.	9106	10	Feb. 1
Roosa, Henry H	9196	10	Sept. 25
Scoville, Herbert A	9185	17	Aug. 20
Sullivan, William	9188	9	Sept. 7
Staats, Samuel	9200	6	Oct. 9
Smith, Henry F	13207	29	Nov. 17
Smith, J. Richmond	13205	3	Nov. 8
Smith, Henry L	9164	12	June 25
Spencer, Orria C	13212	18	Nov. 30
Starling, Josiah B	9131	12	Apr. 21
Stowell, William F	9173	12	July 27
Sullivan, James	9141	7	May 20
Saulpaugh, William R.	9155	13	June 10
Stuart, Harrie M	9159	9	June 17
Splaine, John H.	9167	6	July 9
Sheldon, John V	9174	17	July 27
Sunman, Joseph A	9179	8	Aug. 6
Sullivan, Michael J	9102	18	Jan. 7
Saunders, William W	9146	14	May 25
Twigg, William	13215	18	Dec. 3
Ulmer, Henry	9147	18	May 28
Van Denburgh, Rich'd.	9126	20	Apr. 13
Walsh, John B	9109	15	Feb. 15
Watson, Charles F	9150	11	June 4
Weed, Charles	9133	12	Apr. 28
West, W. Frank	13209	11	Nov. 18
Whittle, George M	9103	12	Jan. 11
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Akin, Charles R	2217	7	Apr. 5
Allen, Thomas E	2245	2	June 10
Alexander, Clinton	2227	9	Apr. 23
Boshall, John	2212	7	Mar. 20
Boshall, Thomas	2274	17	Aug. 11
Brow, Willis H	9004	8	Nov. 5
Baldwin, Leon F. N	9012	4	Dec. 16
Borden, Joseph T	2210	5	Mar. 19
Borden, George F	2208	12	Feb. 5
Booth, James	2242	14	June 5
Booth, James C	2268	11	Aug. 3
Barney, Charles H	2253	11	June 24
Blake, Wallace E	2257	5	July 2
Burgess, Jesse C	2256	1	June 30
Burgess, Charles W	2273	23	Aug. 10
Bailey, Richard F	2300	1	Oct. 27
Canfield, Edward W	2226	2	Apr. 15
Cooper, James W	2231	2	May 12
Cobb, Edwin	2235	19	May 17
Crocker, Thatcher B	2261	7	July 12
Clark, Arthur W	2260	2	Do.
Congdon, Frank E	2207	1	Feb. 4
Campbell, John	2234	1	May 15
Delory, John J	2295	5	Oct. 15
Donahue, John W	2298	3	Oct. 25
Downing, Everett B	2209	2	Mar. 17
Dean, Charles E	2265	7	July 24
Demarer, Joseph	2284	2	Sept. 16

Engineers licensed—Providence, R. I.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Dittmers, Adolph	2233	4	May 14
Donahue, Michael	2240	7	May 28
Ford, William E	2281	7	Sept. 2
Goff, Walter H	2276	2	Aug. 13
Gay, Abner R	2288	21	Sept. 24
Gardner, James F	2218	7	Apr. 6
Grant, John A	2224	1	Apr. 14
Hayes, Clinton L	2232	2	May 13
Horton, Edmund F	2246	5	June 11
Hampton, James H	2250	8	June 22
Hodgkins, Amzy M	2213	1	Mar. 24
Horton, George B	2223	1	Apr. 14
Hambly, Charles F	2243	1	June 9
Harvey, Sydney J	2287	16	Sept. 23
Hatch, Silas B	2290	1	Sept. 29
Jennings, Howard C	2266	1	July 27
Jackson, Lincoln B	2251	4	June 22
Jenkins, Horace G	2270	5	Aug. 5
Kennedy, William J	2221	7	Apr. 13
Le Baron, Charles E	2201	11	Jan. 5
Littlefield, Nathaniel S.	2204	18	Jan. 13
Loring, Eugene W	2244	12	June 10
Littlefield, Fred S	2292	2	Oct. 5
Loftus, William	2258	15	July 6
Matteson, Harkless	9009	4	Dec. 8
Macomber, Edw'd P., jr	2237	10	May 17
Mahan, John	2229	2	May 6
March, Henry	2264	8	July 19
Munro, Samuel W	2283	16	Sept. 14
McNulty, John	9008	1	Dec. 2
Norton, Andrew J	9011	16	Dec. 9
Oney, John	2294	18	Oct. 9
Parkes, Eugene T	2280	11	Aug. 25
Potter, William C	2282	8	Sept. 7
Purkis, Charles A	9005	18	Nov. 17
Perkins, Edward E	2248	2	June 18
Paine, Wm. Howard	9006	6	Nov. 18
Roza, Manuel Gracia da	2215	4	Mar. 31
Ramsey, John W	2219	2	Apr. 12
Robbins, Joseph E	2263	8	July 16
Reilly, John G	2214	2	Mar. 30
Roque, Andrew P	2241	1	June 3
Saulpaugh, Edwin J., jr	2275	9	Aug. 13
Slocum, Holder	2286	11	Sept. 17
Smith, John T	2220	6	Apr. 12
Smith, William T	2202	2	Jan. 5
Sullivan, James F	2296	2	Oct. 15
Torrey, William E	2259	19	July 8
Worth, Robert S	2277	6	Aug. 16
Waldron, David	2249	15	June 21
Wing, William N	2222	1	Apr. 14
Weeks, Frank	2228	4	Apr. 27
First assistant engineers (ocean).			
Gifford, George W	2267	25	July 27
Geer, William M	2211	13	Mar. 20
First assistant engineers (inland).			
Allen, William S	2206	12	Jan. 26
Blinks, Thomas	9001	6	Nov. 2
Coon, Samuel S	2285	15	Sept. 15
Coon, William C	9007	9	Nov. 24
Colcord, Frederick B	2236	9	May 17
Carroll, Thomas E	2225	1	Apr. 14
Flood, George W	2205	8	Jan. 15
Hunt, John (special)	2254	14	June 25
Hurley, John J	9010	1	Dec. 9
First assistant engineers (inland)—Continued.			
Loftus, Michael	2297	4	Oct. 25
Martland, Ellsworth H.	2255	9	June 29
McCready, William H.	9002	6	Nov. 2
Perry, Eugene	2291	2	Sept. 30
Reynolds, James F	2252	1	June 23
Smith, David	9003	2	Nov. 2
Second assistant engineers (ocean).			
Arkebauer, George L	2289	2	Sept. 27
Bugbee, Elmer C	2269	14	Aug. 3
Stewart, George	2271	3	Aug. 6
Second assistant engineers (inland).			
Ahearn, Walter	2278	2	Aug. 20
Brayman, John D	2239	1	May 26
Crane, Louis E	2299	2	Oct. 26
Champlin, Nicholas B.	2230	1	May 8
Gee, Edward C	2293	5	Oct. 6
Holt, Lyman	2203	4	Jan. 5
Shirley, Stiles E	2216	14	Apr. 1
Thomas, William J	2247	1	June 16
Van Vredenburgh, Alexander	2262	6	July 14
Special engineers.			
Anthony, Charles F	613	3	June 1
Abbott, Fred L	607	3	May 10
Adam, Bert R	634	1	Oct. 1
Benner, William J	623	1	July 21
Cross, Alonzo T	611	10	May 25
Cottle, Zadoc A	627	4	July 27
Cruickshank, Geo. W	606	1	May 5
Clark, Salmon K	2272	15	Aug. 10
Duffie, Robert	619	1	July 2
Dodge, Charles J	2238	1	May 26
Dee, Harry	633	1	Sept. 17
Freer, Robert	615	1	June 3
Griffiths, William H	635	1	Oct. 9
Hanson, Charles R	620	4	July 3
Hansen, George	2279	3	Aug. 23
Hunter, Samuel A	601	5	Feb. 25
Lewis, John	636	11	Dec. 14
Lincoln, Roy W	616	1	June 30
Longee, Edward R	631	1	Aug. 11
Martland, Horace G	604	2	Mar. 30
Martland, Fred T	603	2	Mar. 29
Mason, A. Livingstone.	612	8	May 27
McLane, Herbert E	617	4	July 2
Newell, William E	628	14	July 29
Nash, James H	614	2	June 2
Otis, Robert M	602	1	Mar. 3
Phillips, George H	608	1	May 17
Peel, John W	629	1	Aug. 4
Robbins, Alexander	632	7	Sept. 8
Rounds, Sam P	621	2	July 9
Rivett, Anthony C	610	6	May 21
Shepardson, Isaac E	637	3	Dec. 21
Sammon, John	9161	15	June 17
Staff, Harry F	605	1	May 5
Spooner, Henry J., jr	609	1	May 17
Stowe, William H	625	3	July 23
Taber, Richard S	618	10	July 2
Talbot, Frederic W	626	2	July 24
Theroux, Charles H. E.	630	1	Aug. 4
Weatherhead, George	622	8	July 14
Webb, George H	624	3	July 22

LOCAL DISTRICT OF NEW HAVEN, CONN.

Masters and pilots licensed during the year ended December 31, 1897—New Haven, Conn.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Beardsley, Alonzo J	9223	22	July 6	Law, Richard W., jr	9210	9	Apr. 26
Beckwith, John D	9242	19	Nov. 3	Mackenzie, Charles W.	9239	11	Oct. 20
Bishop, Albert F	3231	32	Aug. 11	McNeil, John	9208	26	Apr. 15
Brown, Isaac E	9213	17	May 10	Miller, John	9225	17	July 19
Chappell, Joshua M	9203	7	Jan. 14	Milliken, H. L	9248	20	Dec. 23
Clark, George A	9240	13	Oct. 27	Plumb, John H	9216	19	May 22
Cleveland, George A	9224	15	July 15	Potter, Frank	9234	16	Aug. 28
Dowe, Edgar S	9218	15	June 7	Potter, George W	9246	13	Nov. 27
Fairbrother, Guy L	9211	13	May 1	Pond, Horatio N	9229	17	Aug. 7
Flash, Valentine	9204	6	Jan. 14	Sanford, John S	9205	7	Jan. 27
Ford, Elbert G	9249	17	Dec. 27	Sharp, J. T	9235	6	Sept. 1
Gilpatrick, Frank L	9228	13	Aug. 5	Stevens, William I	9212	15	May 1
Gorham, Henry B	9217	6	June 5	Swan, Elbert G	9207	11	Apr. 10
Green, Joseph	9220	25	June 18	Terry, Le Roy	9241	10	Nov. 2
Grindle, Richard H	9209	13	Apr. 21	Thompson, Charles E	9226	16	July 26
Hardy, Aaron M	9230	10	Aug. 7	Turner, Joshua T	9232	14	Aug. 17
Hawkins, Charles E	9236	15	Sept. 14	Wakelee, Homer S	9221	16	June 28
Hawley, David B	9227	14	July 29	Wakeley, Charles J	9201	17	Jan. 4
Hewitt, John H	9237	20	Oct. 5	Wakeley, Ephraim N	9219	9	June 9
Howard, James	9238	11	Oct. 11	Wakeley, Nelson J	9247	16	Dec. 6
Hoyt, A. J	9233	12	Aug. 18	Wakeley, Samuel	9215	15	May 17
Hulse, Charles W	9202	12	Jan. 8	Warner, Robert S	9222	9	July 2
Inkster, Benjamin H. N.	9244	8	Nov. 10	West, P. F	9214	9	May 12
Johnson, John	9245	13	Nov. 19	Wicks, Henry S	9243	2	Nov. 5
Lafo, Levi	9206	13	Feb. 18				

Pilots licensed during the year ended December 31, 1897—New Haven, Conn.

First-class pilots.				*Second-class pilots—Continued.*			
Baker, Alfred C	1404	10	Feb. 15	Cary, John E	1678	4	Oct. 1
Baldwin, Albert W	1424	12	Aug. 7	Case, Elmer E	1692	13	Nov. 26
Baldwin, Frank H	1432	13	Nov. 19	Chard, Samuel S	1619	12	Mar. 13
Ball, George E	1419	7	June 23	Clark, Horace E	1677	15	Sept. 17
Barnes, Harvey	1425	17	Aug. 27	Clark, James L	1653	3	July 16
Brown, Frank E	1423	2	July 21	Cole, Dexter K	1688	15	Nov. 8
Chiak, John	1421	10	July 6	Coleman, John H	1674	6	Sept. 8
Edwards, Edward	1426	8	Sept. 3	Collier, Harry A	1632	2	Apr. 17
Hancourt, Joseph L	1428	3	Sept. 28	Curtis, Lewis B	1602	3	Jan. 2
Hart, Aaron J	1414	7	May 12	Dayton, Edward S	1633	14	Apr. 20
Holmberg, John A	1405	8	Mar. 10	Dayton, George W	1635	13	Apr. 22
Homan, Charles W	1402	11	Jan. 19	Decker, Abram	1607	10	Jan. 29
Homan, George F	1410	1	May 1	Decker, David B	1605	13	Jan. 21
Hoyt, James F	1406	6	Mar. 17	Decker, Peter	1682	24	Oct. 18
Kennedy, John E	1420	1	June 23	Decker, Sylvester	1660	15	Aug. 11
Ludington, Luzerne	1416	12	June 14	Donahue, James	1690	10	Nov. 9
Merrill, William R	1415	6	May 26	Dunbar, Garrett S	1679	8	Oct. 1
Morris, Louis S	1427	11	Sept. 21	Foster, Charles W	1687	13	Nov. 5
Oskins, Rufus	1433	10	Nov. 26	Gerrish, Frederick L	1669	8	Aug. 25
Pausch, Herman D	1429	7	Nov. 4	Gerrish, George H	1667	8	Aug. 24
Rand, Thomas	1418	8	June 22	Glines, Charles H	1671	3	Aug. 27
Robinson, William J	1409	7	Apr. 14	Glover, Theodore S	1691	8	Nov. 10
Rowe, Henry C	1430	16	Nov. 9	Halsey, Arthur W	1645	11	June 12
Rowland, Frederick M.	1413	3	May 8	Halverson, John	1694	10	Dec. 7
Shuts, Alonzo H	1411	15	May 3	Hill, William F	1652	2	July 14
Snow, Elisha B	1431	9	Nov. 15	Homan, Franklin L	1611	5	Feb. 16
Stevens, Charles P	1408	9	Apr. 6	Homan, J. Frank	1626	8	Apr. 6
Stevens, Frank R	1412	4	May 6	Howell, B. Frank	1606	7	Jan. 25
Sullivan, William H	1422	4	July 16	Hoyt, Charles H	1615	9	Feb. 23
Thomas, Thomas	1417	14	June 14	Hoyt, Clifford B	1603	10	Jan. 7
Wakeley, Charles M	1403	4	Jan. 22	Hoyt, Daniel	1680	4	Oct. 4
Wedmore, Charles K	1407	6	Apr. 3	Hoyt, William F	1616	9	Feb. 24
Wilson, William J	1401	10	Jan. 18	Hughes, Albert R	1618	3	Mar. 10
				Humiston, Frederick L.	1637	12	May 8
Second-class pilots.				Johnson, Edwin C	1641	1	May 22
				Knight, Edward	1659	12	Aug. 3
Andrews, Frank H	1686	13	Nov. 2	Lally, William	1617	2	Feb. 24
Baldwin, Edwin E	1673	11	Sept. 6	Lancraft, George E	1664	15	Aug. 14
Baldwin, Giles H	1646	14	June 14	Larsen, Lars	1695	4	Dec. 17
Blatchley, Philo M	1663	8	Aug. 13	Lewis, Charles L	1604	2	Jan. 15
Bond, Ashbal A	1662	4	Aug. 12	L'Hommedieu, John S	1621	12	Mar. 13
Brown, Allie E	1665	3	Aug. 16	Linsley, George B	1636	8	Apr. 28
Brown, Frederick F	1634	12	Apr. 21	Lockwood, Elbert F	1620	14	Mar. 13
Burwell, Merritt W	1693	4	Dec. 1	Longworth, Charles	1649	3	June 23

Pilots licensed—New Haven, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Second-class pilots*—Continued.			
Lowndes, Howard L	1622	4	Mar. 13	Sears, Henry G	1612	9	Feb. 16
Lowndes, Thoe. S	1654	16	July 16	Selleck, Frederick S	1644	5	June 10
Ludington, Ammi P	1648	17	June 23	Seltenrich, William	1610	2	Feb. 12
Ludington, C. L	1640	14	May 19	Seymour, Charles	1683	4	Oct. 23
Mallory, George G	1631	3	Apr. 14	Seymour, James F	1689	9	Nov. 8
Mann, B. Hartley	1661	6	Aug. 11	Smith, Frank W	1624	12	Mar. 27
Mansfield, William F	1655	15	July 23	Smith, Marcus P	1625	17	Mar. 30
Maynard, Charles A	1685	4	Oct. 28	Smith, Riley T	1623	10	Mar. 27
Monsell, H. C	1657	7	July 26	Smith, S. Edward	1684	1	Oct. 27
Mosher, William H., jr.	1666	10	Aug. 24	Thomas, Nelson	1651	15	July 2
Palmer, Charles E	1609	6	Feb. 6	Thrall, Levi	1608	10	Feb. 2
Palmer, Clarence E	1681	4	Oct. 8	Tunks, Henry C	1656	12	July 23
Palow, William P	1630	1	Apr. 14	Verity, William H	1650	16	June 28
Parmelee, Charles W	1627	2	Apr. 9	Vroom, Joseph	1601	9	Jan. 2
Parish, James H	1639	7	May 12	Ward, John F	1628	10	Apr. 13
Pendleton, Frank L	1642	3	May 26	Wilson, Sylvester B	1676	6	Sept. 15
Pidgeon, Nelson L	1658	1	July 29	Woodhouse, Abner R	1672	2	Sept. 1
Potter, Isaac S	1643	11	May 28				
Putnam, Charles	1614	4	Feb. 23	*Special pilots.*			
Raymond, Robert A	1638	8	May 8				
Reed, Stephen H	1629	13	Apr. 13	Keating, Daniel A	1668	2	Aug. 25
Royden, Wallace N	1613	2	Feb. 18	O'Conner, James	1675	4	Sept. 9
Schulthiess, Henry	1647	9	June 18	Walters, Peter	1670	3	Aug. 27

Joint pilots and engineers licensed during the year ended December 31, 1897—New Haven, Conn.

Allen, William C	404	3	June 23	Oppel, J. Henry	411	4	Aug. 10
Askam, William F	414	4	Sept. 11	Phelan, Ed. L	407	4	July 22
Beers, Alfred B., jr	421	4	Nov. 15	Phillips, John B	405	1	July 7
Clock, Gilbert L	418	5	Sept. 25	Rida, Alexander	412	1	Aug. 19
Dwyer, Thomas J	420	5	Oct. 11	Smith, Charles E	401	5	Feb. 20
Fox, Michael J	419	3	Oct. 6	Smith, George R	402	5	Apr. 19
Gerring, A. H	409	10	Aug. 9	Sullivan, J. J	415	1	Sept. 18
House, Henry A	416	2	Sept. 21	Wheeler, M. B. W	410	9	Aug. 9
Lewis, John	403	5	June 5	Young, Edward S	406	5	July 16
Loller, Robert E	417	1	Sept. 23	Young, John H	408	9	Aug. 7
Miller, John N	413	3	Aug. 26				

Engineers licensed during the year ended December 31, 1897—New Haven, Conn.

Chief engineers (inland).				*Chief engineers (inland)*—Continued.			
Adams, Robert W	9247	8	Aug. 24	Hoyt, James F	9214	9	Mar. 18
Bailey, George H	9243	9	Aug. 9	Hyde, James S	9215	16	Mar. 19
Barnes, Charles H	9218	15	Apr. 9	Kelley, Robert	9224	3	May 24
Blakeman, John W	9259	8	Oct. 11	Kimble, Abram	9206	5	Feb. 2
Briggs, Charles H	9233	33	June 23	Kinsey, George W	9248	19	Sept. 1
Brower, Arthur H	9208	10	Mar. 3	Lafo, John H	9209	14	Mar. 5
Cellison, Edmund	9210	1	Mar. 10	Lafo, Levi	9202	18	Jan. 5
Chappell, Sterling	9232	13	June 23	Lafo, William E	9238	12	July 7
Chipman, Daniel O	9236	20	July 2	Maley, Andrew A	9262	16	Oct. 20
Davis, Charles N	9226	17	May 27	Mallory, Edwin G	9204	15	Jan. 14
Decker, Henry L	9207	13	Feb. 23	Mann, B. Hartley	9229	6	June 8
Dell, George A	9217	12	Mar. 27	Merwin, Merritt W	9211	18	Mar. 17
Denniston, Winfield	9255	8	Sept. 15	Merwin, Samuel O	9235	17	July 1
Douglas, John	9252	25	Sept. 7	Moore, William E	9227	5	June 1
Fahy, Michael, jr	9231	5	June 16	Mosher, William H., jr.	9246	9	Aug. 24
Ford, Julius A	9216	17	Mar. 27	Mulhearn, Francis J	9220	13	Apr. 19
Foster, Frank A	9260	17	Oct. 13	Page, Franklin H	9265	16	Nov. 9
Fray, Thomas H	9264	13	Nov. 8	Pardee, Ward B	9230	7	June 10
Glines, Charles H	9205	1	Jan. 16	Pausch, Herman D	9263	7	Nov. 4
Glover, Theo. S	9254	7	Sept. 7	Peden, John W	9239	14	July 17
Gomperts, Henry B	9249	8	Do	Raymond, Chas. W., jr.	9256	7	Sept. 17
Gurry, William	9261	4	Oct. 18	Reed, Stephen H	9245	16	Aug. 23
Halverson, Henry W	9268	7	Dec. 8	Riley, Thomas J	9251	8	Sept. 7
Halverson, John	9267	22	Do.	Roberts, George W	9257	20	Sept. 20
Hayden, Wilbur	9253	15	Sept. 7	Sands, Samuel S	9269	14	Dec. 14
Hemstock, Thomas E	9223	11	May 15	Schade, Henry	9203	14	Jan. 6
Homan, Gilbert L	9222	3	May 13	Sharpe, Edson S	9225	14	Mar. 24
Howard, James W	9228	15	June 1	Snow, Charles M	9237	9	July 6
Hoyt, Albert J	9234	8	June 24	Soley, Arthur E	9242	14	Aug. 6

Engineers licensed—New Haven, Conn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Stevens, William A	9221	20	May 4
Stow, Charles L	9212	4	Mar. 17
Thomas, William H., jr.	9240	1	July 27
Wakeley, Charles J	9201	17	Jan. 4
Walker, Thomas H	9213	13	Mar. 18
Ward, John F	9219	16	Apr. 13
Weimer, William H	9258	10	Sept. 30
White, Clarence A	9244	2	Aug. 12
White, Joseph	9241	19	July 29
Williams, Frederick A.	9266	26	Nov. 13
Young, Willis H	9250	16	Sept. 7
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Andrews, Charles W	2450	13	Aug. 28
Baldwin, Edwin E	2452	11	Sept. 7
Baldwin, Giles H	2438	12	June 14
Blatchley, Philo M	2445	5	Aug. 13
Brady, Bernard	2448	4	Aug. 23
Brown, Frederick F	2458	12	Oct. 15
Brown, Oscar C	2430	14	May 24
Brown, Trassar C	2404	4	Feb. 9
Brown, William H	2442	6	July 19
Butler, Lewis	2463	9	Nov. 22
Caldwell, Sidney J	2426	13	May 15
Card, Philip H	2420	12	Apr. 14
Case, Elmer E	2415	9	Mar. 27
Chadwick, Charles J	2428	14	May 21
Clark, Horace E	2454	15	Sept. 17
Crilley, Thomas	2435	6	June 8
Curnias, John C	2422	14	Apr. 20
Curtis, Carus O	2451	7	Sept. 2
Decker, David B	2402	13	Jan. 21
Decker, Peter	2459	24	Oct. 18
Decker, Sylvester	2444	15	Aug. 9
Dickinson, Sidney E	2431	6	May 26
Dix, Lewis J	2457	5	Oct. 13
Eaton, Edward B	2411	1	Mar. 11
Elsworth, George C	2413	1	Mar. 13
Fahy, Michael	2440	9	July 6
Ferritt, John W	2464	18	Nov. 24
Gardner, William E	2419	15	Apr. 14
Green, William J	2449	2	Aug. 24
Hewitt, Edwin B	2443	2	July 22
Hitchcock, Frank I	2409	1	Mar. 10
Homan, George F	2424	2	Apr. 23
Howard, George H	2434	4	June 8
Howell, Charles F	2460	6	Oct. 25
Hoyt, Daniel	2455	4	Oct. 4
Hoyt, William F	2406	8	Feb. 20
Hubbell, Frederick	2465	19	Dec. 1
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Hubbell, Lewis S	2446	2	Aug. 17
Hughes, Albert R	2408	3	Mar. 10
Lemley, Edwin T	2453	3	Sept. 7
Leonard, Thomas L	2414	13	Mar. 25
Locke, Thomas	2421	8	Apr. 30
Martin, F. C	2436	1	June 10
Maynard, Charles A	2403	2	Feb. 6
Mott, C. S	2418	1	Apr. 1
Ollsson, John A	2461	4	Nov. 17
Page, William W	2466	12	Dec. 11
Palmer, Charles F	2456	6	Oct. 11
Peters, George L	2432	4	May 27
Raymond, Charles W	2417	8	Mar. 27
Roberts, Ernest M	2462	1	Nov. 17
Rorke, Barney	2433	15	May 28
Rorke, John	2429	15	May 21
Rowley, Frank W	2410	1	Mar. 10
Stevens, Essie W	2416	10	Mar. 27
Thomas, George	2447	17	Aug. 23
Van Boskirk, Philip E.	2412	1	Mar. 13
Verity, William H	2439	16	June 23
Vroom, Charles H	2437	8	June 14
Vroom, Joseph	2401	5	Jan. 15
West, P. F	2425	12	May 12
Williams, Frederick A.	2407	2	Mar. 9
Williamson, George	2441	16	July 14
Wilson, Henry J	2427	13	May 19
Wright, Augustus W	2423	14	Apr. 22
Wright, Everett L	2405	8	Feb. 15
Special engineers.			
Beardsley, A J	811	4	July 6
Boyce, James N	813	4	Aug. 2
Dayton, Elmer F	809	1	June 16
Donahue, James	822	10	Nov. 9
Gerrish, Frederick L	818	8	Aug. 25
Gerrish, George H	816	9	Aug. 24
Hall, Robert E	810	1	June 30
Homan, Franklin L	802	5	Feb. 16
Keating, Daniel A	817	2	Aug. 25
Mackenzie, Charles W.	807	4	May 19
Mallory, George G	805	3	Apr. 15
O'Connor, James	820	4	Sept. 9
Parrish, James H	806	7	May 12
Randall, John H	812	2	July 31
Royden, Wallace N	803	2	Feb. 18
Russell, William H	808	1	May 26
Sanford, William H	804	1	Mar. 17
Shean, James B	815	2	Aug. 17
Stickles, Frederick D	801	2	Jan. 25
Sutton, Charles	819	2	Sept. 7
Walters, Peter	814	3	Aug. 17
Wilson, Sylvester B	821	6	Sept. 15

LOCAL DISTRICT OF BANGOR, ME.

Masters and pilots licensed during the year ended December 31, 1897—Bangor, Me.

Name.	No. of license.	No. of issue.	Date of issue.
Arey, Benjamin R	9416	21	July 21
Barbour, Charles A	9410	17	May 31
Barbour, George Hall	9408	9	May 24
Barbour, Henry W	9414	6	May 12
Bennett, William H	9425	14	Sept. 28
Bray, James L	9413	12	June 28
Conners, Alfred E	9423	14	Aug. 19
Coleman, Edgar W	9418	19	July 23
Coleman, William	9409	26	May 24
Crockett, Oscar A	9421	21	Aug. 2
Crockett, Ralph H	9415	11	July 12
Cousins, Samuel P	9407	22	May 24
Dean, Francis A	9419	11	July 29
Decker, Adoniram	9426	15	Nov. 23
Eaton, Joseph S	9402	8	Mar. 1
Gray, Ellis S	9417	9	July 23
Parker, William H	9420	14	July 29
Pike, Simon H	9414	23	July 7
Ryan, Daniel	9403	22	Apr. 8
Shute, Charles	9401	16	Jan. 14
Simpson, John	9406	17	May 17
Simpson, John H	9411	3	June 1
Smallidge, Charles W	9424	10	Aug. 28
Thompson, George P	9405	9	May 13
Weed, Nelson Haskell	9412	10	June 11
Winterbotham, F. L	9422	14	Aug. 9

Pilots licensed during the year ended December 31, 1897—Bangor, Me.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Coleman, Hartwell T	1704	7	Sept. 22
Conley, Samuel N	1704	2	June 19
Crockett, Louie A	1708	2	Oct. 11
Genish, Andrew J	1706	13	Sept. 2
Grant, James W	1701	1	Feb. 20
McConnell, John Edward	1703	11	June 10
Shute, Addison W	1705	8	Aug. 9
Tracy, Herbert E	1702	10	Apr. 2
Second-class pilots.			
Abbott, Reuben A	2275	2	Sept. 29
Beal, James Frank	2222	4	June 9
Bickford, Elisha N	2286	3	Nov. 10
Bickford, Nathan A	2212	1	Apr. 22
Brown, Everett	2221	7	June 5
Bray, Ellis W	2255	7	Aug. 19
Bramhall, Ezra H	2257	15	Aug. 21
Bunker, Freeland R	2254	9	Aug. 18
Burns, Granville P	2258	9	Aug. 23
Calhoon, John H	2263	14	Sept. 6
Carver, Judson Howard	2253	3	Aug. 18
Chapin, Charles R	2257	12	Do.
Chipman, George, jr	2267	8	Sept. 9
Conners, David H	2246	10	Aug. 9
Conners, Frank H	2210	1	Apr. 10
Conners, Frank M	2239	14	July 29
Coombs, Leighton W	2228	11	July 6
Davis, Charles H	2266	6	Sept. 7
Diggins, Sumner J	2278	12	Oct. 14
Edgecomb, John W	2231	8	July 16
Emerson, Mahlon W	2215	2	May 11
Fanning, Otis H	2245	3	Aug. 9
Farnsworth, Wm. P	2204	11	Feb. 16
Field, William W	2219	6	June 1
Flye, Melroy A	2284	14	Nov. 2
Foss, Augustus I	2213	3	Apr. 23
Foss, Ira B	2243	9	Aug. 5
Foss, Wallace E	2208	1	Apr. 1
Freethy, William H	2224	8	June 12
Gordon, Van Buren	2261	15	Aug. 28
Gray, Ernest H	2280	3	Oct. 26
Greenlaw, William L	2247	4	Aug. 12
Guptill, A. Judson	2234	6	July 23
Hadlock, Gilbert T	2244	9	Aug. 5
Harrington, Herbert E	2289	3	Dec. 18
Hawkins, Henry W	2218	2	June 1
Heath, Fred. Austin	2214	6	Apr. 26
Higgins, Herbert E	2283	3	Nov. 2
Holt, Henry B	2237	18	July 26
Second-class pilots—Continued.			
Horn, Edward L	2259	3	Aug. 25
Hutchings, John W	2226	13	June 23
Johnson, Daniel N	2217	3	May 13
Keene, William R	2269	11	Sept. 15
Lawrence, Charles F	2260	5	Aug. 28
Lewis, Charles	2276	11	Oct. 6
Lord, John N., jr	2250	6	Aug. 18
Lothrop, John T	2277	3	Oct. 7
Lowell, George B	2232	6	July 16
McMahon, Joseph	2288	3	Dec. 11
McWha, Andrew	2227	2	June 28
Miners, George W	2202	8	Jan. 23
Mitchell, Jesse	2285	8	Nov. 8
Mitchell, Nathaniel P	2249	14	Aug. 13
Morey, Roland H	2225	3	June 18
Noonan, Frank L	2211	2	Apr. 14
Pendleton, Andrew L	2274	4	Sept. 28
Pike, Bion M	2216	7	May 11
Pike, Jacob C	2203	8	Feb. 5
Pray, Reuben S	2270	2	Sept. 16
Pushee, Fred H	2262	3	Sept. 1
Richardson, Osgood	2233	11	July 23
Robinson, Charles W	2230	13	July 16
Sadler, Rodney	2279	6	Oct. 15
Sellers, William M	2272	4	Sept. 24
Shannon, John	2273	5	Sept. 27
Smallidge, Jesse Emery	2256	10	Aug. 19
Smith, Alfred E	2242	8	Aug. 4
Smith, Galen H	2287	14	Nov. 30
Sowle, Nathaniel M	2201	6	Jan. 13
Suttle, Charles W	2220	13	June 1
Sullivan, Philip	2265	13	Sept. 7
Thurlow, Stephen B	2241	9	July 31
Treworgy, Winfield S	2206	2	Mar. 25
Varney, Levi	2235	10	July 23
Wass, Elisha D	2236	8	July 24
Watts, John N	2229	9	July 6
Wardwell, Alfred	2205	6	Mar. 16
Wilson, Edgar F	2282	16	Oct. 30
Special pilots.			
Dow, Eugene F	2238	2	July 26
Gilley, John H	2248	3	Aug. 12
Higgins, William	2281	14	Sept. 26
Leach, Henry J	2209	7	Apr. 2
Lunt, Frank W	2264	7	Sept. 7
Saunders, Harvey S	2223	3	June 10
Tabbutt, Millard F	2240	7	July 29
Tuck, Frank L	2271	10	Sept. 20
Welch, Alfred R	2252	6	Aug. 18

Joint pilots and engineers licensed during the year ended December 31, 1897—Bangor, Me.

Badlam, William H	555	4	July 16	Edwards, Charles E	553	1	June 24
Bray, William H	557	4	July 26	Gordon, Knowles	558	4	Sept. 1
Campbell, Arthur R	554	1	July 6	Hutchinson, William	552	2	June 18
Eaton, Charles H	551	1	June 11	Ladd, Lewis E	556	7	July 23

Engineers licensed during the year ended December 31, 1897—Bangor, Me.

Chief engineers (ocean).				*Chief engineers (inland)—Continued.*			
Gilmore, John	9428	26	Aug. 12	Bennett, Frederic	9418	22	July 8
Howard, George A	9413	18	June 18	Bragdon, Harry F	9441	10	Oct. 16
King, William	9442	18	Oct. 23	Bulson, Samuel L	9420	22	July 11
Smith, George P	9423	19	July 21	Bucknam, Henry C	9402	13	Jan. 30
Sinnett, Edward F	9439	26	Oct. 6	Coleman, Jones S	9445	13	Nov. 29
Chief engineers (inland).				Cousins, William S	9407	1	Mar. 13
				Cobb, Samuel H	9410	9	May 10
				Coombs, James A	9412	3	June 5
Bassett, John A	9432	10	Aug. 31	Dodge, Richmond S	9403	5	Feb. 13
Bennett, Joseph E	9429	5	Aug. 13	Dyer, Fred C	9440	2	Oct. 8

Engineers licensed—Bangor, Me.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Eaton, Elmer O	9419	12	July 9
Edgecomb, John W	9421	25	July 16
Foster, John W	9427	3	Aug. 10
Goodwin, Charles E	9405	1	Mar. 2
Hall, William A	9430	17	Aug. 16
Higgins, Charles E	9431	12	Aug. 21
Higgins, William	9434	18	Sept. 7
Horn, Edward L	9435	9	Sept. 15
Hutchings, Ernest	9404	11	Feb. 27
Johnston, Charles H	9415	12	June 11
Kimball, Joseph S	9408	6	Mar. 17
Lash, Milford W	9444	2	Nov. 26
Lindsey, Charles D	9406	2	Mar. 5
McAvey, Thomas L	9426	2	Aug. 10
McNamara, Michael	9417	6	July 6
Moore, Orson A	9424	10	July 22
Montgomery, John	9409	30	Apr. 30
Rafferty, Frank	9422	13	July 16
Roche, John H	9446	40	Dec. 16
Robbins, William H	9433	2	Sept. 2
Saunders, Harvey S	9414	7	June 10
Sherman, Roscoe A	9401	1	Jan. 16
Smith, Alfred E	9425	12	Aug. 4
Stubbs, Percival A	9416	4	June 18
Suttle, Charles W	9411	15	June 1
Salisbury, John R	9436	14	Sept. 21
Sparrow, Arthur D	9437	2	Sept. 28
Tapley, Charles P	9438	18	Oct. 6
Urann, Morton M	9443	13	Oct. 23
Engineers in charge of steamers of 100 tons and under and over 10 tons.			
Austin, Charles C	3010	2	June 10
Andrews, Israel O	3040	3	Dec. 8
Bangs, Irving M	3014	2	June 23
Bryant, Alonzo J	3022	10	Aug. 13
Bridges, Lewis H	3005	5	Feb. 23
Cummings, Edgar T	3037	3	Nov. 17
De Kalb, Ernest	3025	3	Aug. 18
Eaton, Fred R	3006	2	Mar. 9
Freeman, James H	3012	6	June 18
Flye, Charles H	3024	1	Aug. 18
Gray, Leslie C	3026	4	Aug. 23
Griffin, John W	3031	14	Sept. 21
Higgins, William	3034	18	Oct. 26
Knowlton, Thomas, jr	3003	9	Feb. 10
Lord, Franklin S	3033	25	Oct. 20
Lowell, Fredrick F	3013	17	June 19
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
McCurdy, Michael	3001	11	Jan. 7
Miners, George W	3002	9	Jan. 23
Moore, Lewis C	3020	8	Aug. 5
Pike, Albert F	3004	12	Feb. 20
Sawyer, Charles T	3032	2	Oct. 7
Smith, Charles L	3015	14	July 16
Sprague, Darius D	3008	13	Apr. 27
Simmsby, William N	3019	13	Aug. 4
Warr, Edward H	3039	3	Nov. 30
Woodward, Charles H.	3041	12	Dec. 21
First assistant engineers (inland).			
Abbott, Warren J	3007	5	Mar. 31
Arey, George Albert	3011	9	June 18
Conrey, John	3009	11	May 13
Decker, Walter C	3021	9	Aug. 9
Edgecomb, Charles A	3018	20	July 30
Frazier, Henry E	3029	7	Sept. 15
Gray, Harry L	3030	4	Do.
Gordon, George C	3017	9	July 29
Lampher, Adelmon	3016	4	July 24
Lowell, George H	3028	8	Sept. 9
McNeil, John E	3035	3	Nov. 1
MacNichol, John A	3027	8	Aug. 23
Mowry, George A	3038	13	Nov. 18
Tarbox, William E	3036	11	Nov. 17
Second assistant engineer (ocean).			
Steelman, Absalom	3023	2	Aug. 16
Special engineers.			
Bramhall, Ezra H	1108	9	Aug. 21
Burr, Karl H	1102	1	Apr. 5
Davis, Frank E.	1114	8	Oct. 30
Danielson, Percy	1105	4	July 21
Keene, William R	1111	10	Sept. 15
Leach, George B	1104	5	June 18
Lunt, Frank W	1109	4	Sept. 7
Morse, Edward L	1103	1	June 4
Norton, Ferdinand L	1101	2	Jan. 2
Pendleton, Andrew L	1107	3	Aug. 18
Rolfe, Archie C	1113	5	Oct. 27
Surry, Charles A	1106	1	July 22
Tracy, Herbert E	1110	1	Sept. 15
Tuck, Frank L	1112	6	Sept. 20

THIRD SUPERVISING DISTRICT.

LOCAL DISTRICT OF NORFOLK, VA.

Masters and pilots licensed during the year ended December 31, 1897—Norfolk, Va.

Name.	No. of license.	No. of issue.	Date of issue.
Ackerly, D. G	3623	12	Feb. 19
Ashbury, Cladius H	3624	5	Do.
Askew, Wilber F	3637	25	Mar. 4
Agent, Robert	3763	17	Aug. 6
Achorn, Josiah	3787	7	Aug. 26
Alexander, Walter R	3850	16	Nov. 17
Bew, George A	3618	3	Feb. 5
Bonner, M. H	3642	3	Mar. 9
Billups, William H	3644	13	Mar. 13
Beale, Isaac H	3654	23	Mar. 17
Branting, William	3661	21	Mar. 23
Bennett, John W	3666	11	April 3
Barrett, Joseph R	3674	5	Apr. 16
Bagnell, C. H	3677	4	Apr. 21
Baker, Orin S	3679	20	Apr. 28
Bell, Francis M	3698	3	May 19
Bensten, John T	3703	17	May 27
Blizzard, William H	3709	15	June 8
Barnes, Walter M	3713	19	June 10
Brown William	3738	20	July 9
Bunting, Arthur F	3758	9	Aug. 3
Ballance, Henry M	3769	7	Aug. 10
Brownley, Herbert R	3771	12	Do.
Bonnerville, Columbus J.	3780	21	Aug. 16
Blom, August E	3781	1	Aug. 18
Bohannon, Columbus M	3798	18	Sept. 9
Boatwell, W. R	3815	6	Sept. 27
Bohannon, W. J	3837	8	Oct. 23
Burden, Joseph M	3843	14	Nov. 2
Barker, James T	3848	26	Nov. 15
Bully, John A	3871	7	Dec. 28
Conklin, Augustus S	3605	26	Jan. 5
Caffee, George E	3616	9	Feb. 2
Christian, Charles	3625	12	Feb. 26
Cunningham, E. H	3635	7	Mar. 3
Carlson, Joseph	3640	3	Mar. 9
Cason, John F	3657	10	Mar. 18
Cock, Frederick D	3659	1	Mar. 23
Crosby, Walter P	3662	12	Mar. 24
Curtis, W. Hampton	3670	9	Apr. 9
Carter, Shirley	3684	4	May 3
Clark, Joseph M	3705	14	June 1
Channell, Andrew M	3715	15	June 12
Cates, Loring A	3722	12	June 19
Cobb, William H	3728	16	June 24
Cox, Ross	3737	16	July 8
Calcott, Alexander	3748	13	July 24
Cahoon, Abram L	3802	19	Sept. 13
Cunningham, T. C	3806	17	Sept. 25
Cunningham, F. W	3838	24	Oct. 26
Cutrell, George S	3855	11	Nov. 26
Cato, Alfred B. Le	3859	13	Nov. 30
Cottrell, Jeremiah	3861	32	Dec. 6
Downing, George B	3606	6	Jan. 8
Deans, George W	3611	11	Jan. 18
Davis, William H	3634	11	Mar. 3
Dizer, John H	3651	9	Mar. 16
Doleman, Austin	3653	17	Mar. 18
Drew, John H	3676	6	Apr. 20
Darden, Joseph J	3690	5	May 6
Diggs, John F	3712	4	June 10
Durphy, William F	3736	21	July 3
Dowdy, George M	3754	16	July 28
Davis, Joseph W	3786	16	Aug. 25
Delk, O. G	3789	23	Aug. 31
Drew, Francis A., sr	3814	25	Sept. 27
Davis, Peter	3825	22	Oct. 9
Dowdy, Theodore	3851	17	Nov. 17
Deyo, Stephen G. D	3856	27	Nov. 26
Dailey, John	3860	16	Dec. 6
Denson, Richard H	3872	10	Dec. 30
Earle, William H	3667	18	Apr. 5
Edwards, Oscar E	3681	6	Apr. 27
Earnest, James A	3714	10	June 11
Eldredge, John S	3759	24	Aug. 3
Emory, Frederick A	3793	12	Sept. 4
Foster, G. W	3615	10	Jan. 29
Foster, John B	3655	12	Mar. 18
Ferguson, Norman	3688	2	May 4
Francis, Robert	3691	5	May 7
Foster, William S	3696	6	May 14
Fulcher, Martin	3701	11	May 27
Freeburger, William A	3729	16	June 24
Farrell, John W	3742	12	July 17
Face, George W	3746	7	July 23
Foster, G. W., jr	3760	6	Aug. 4
Fitchett, William S	3778	8	Aug. 14
Franklin, Samuel J	3783	23	Aug. 18
Griffin, Joel A	3604	16	Jan. 5
Gregory, Ioga H	3636	27	Mar. 4
Geoghegan, Stewart A.	3680	24	Apr. 28
Gwathmey, C. B., jr	3702	2	May 27
Godfrey, Charles H	3755	11	July 30
Gray, William B	3764	20	Aug. 7
Guy, Frank W	3768	7	Aug. 10
Graves, Charles C	3807	16	Sept. 27
Guy, Atwell	3824	19	Oct. 9
Gard, Thomas M	3869	8	Dec. 16
Hancock, Hugh T	3621	6	Feb. 9
Hudgins, Levin L	3630	9	Feb. 26
Hussey, George A	3641	8	Mar. 9
Harney, William T	3649	16	Mar. 15
Hunley, Martin L	3678	6	Apr. 23
Hall, William A	3682	9	Apr. 28
Hudgins, Charles F	3687	15	May 4
Harris, James H	3693	12	May 10
Henley, Robert C	3697	7	May 15
Hudgins, Walter S	3731	10	June 25
Hoagland, Elbert L	3733	17	June 28
Hoagland, Charles B	3734	14	Do.
Harney, George W	3739	15	July 10
Hanlon, Peter H	3741	11	July 14
Hunter, Millard F	3744	15	July 17
Hoagland, Lewis H	3767	17	Aug. 10
Hussey, Frank N	3772	15	Aug. 11
Hudgins, William E	3776	19	Aug. 14
Harvey, Thomas E	3777	20	Do.
Harney, Selby A	3788	17	Aug. 27
Hobbs, George W	3797	26	Sept. 9
Humphries, Charles H.	3809	8	Sept. 27
Holtzman, Frank N	3816	12	Do.
Hyers, Samuel	3818	12	Sept. 30
Hardison, S. S	3820	15	Oct. 6
Hudson, George P	3821	20	Do.
Hudgins, James L	3822	10	Do.
Hill, David	3827	14	Oct. 11
Ipock, J. M	3619	16	Feb. 6

Masters and pilots licensed—Norfolk, Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Johnson, Wood P	3617	15	Feb. 3	Roper, James	3774	16	Aug. 11
Jones, Arthur L	3639	16	Mar. 8	Ransone, Stafford B	3796	10	Sept. 9
James, Frank	3650	15	Mar. 16	Ritchie, R. F	3801	8	Sept. 11
Jones, James T	3761	19	Aug. 5	Radcliff, William	3835	17	Oct. 21
Jester, Charles W	3765	16	Aug. 7	Read, A. J	3836	3	Oct. 23
Jones, Joseph J	3830	20	Oct. 15	Rhodes, Samuel M	3858	13	Nov. 29
Jones, William H	3841	17	Nov. 1	Rumrill, J. E	3867	7	Dec. 13
Johnson, Chas. Howard	3842	24	Nov. 2	Sawyer, John Q	3602	12	Jan. 5
Jamison, J. D	3866	14	Dec. 8	Smith, Walter G	3610	18	Jan. 16
Kahnweiler, Samuel	3638	4	Mar. 6	Skinner, H. E	3622	7	Feb. 9
Knight, W. S	3748	2	July 24	Smith, William J	3628	14	Feb. 24
King, J. M	3845	8	Nov. 6	Simmons, George W	3647	11	Mar. 11
Kelley, Ezra	3854	15	Nov. 22	Styron, A. W	3668	13	Apr. 7
Lane, Samuel D	3608	19	Jan. 13	Sadler, Alfonso	3673	6	Apr. 15
Logan, Robert	3645	19	Mar. 13	Sharrett, John W	3675	14	Apr. 19
Lyon, George W	3766	15	Aug. 9	Shorter, Peter W	3686	15	May 3
Lacy, Edward	3804	16	Sept. 16	Stanworth, W. T	3689	7	May 6
Luckett, William E	3808	17	Sept. 27	Smith, John E	3700	25	May 20
Lyon, William H	3812	11	Do.	Spencer, F. F	3710	13	June 9
Lee, Romulus E	3819	7	Oct. 6	Snow, Jordan E	3716	12	June 12
Lyman, William H. H	3863	15	Dec. 6	Southgate, Thomas M	3718	24	June 14
McGuire, Robert A	3609	12	Jan. 15	Speddin, James N	3721	16	June 19
Marshall, John H	3620	10	Feb. 9	Sherrett, David E	3732	17	June 28
Mansfield, George W	3627	15	Feb. 23	Story, T. B	3750	19	July 26
Martin, Paul M	3648	6	Mar. 13	Swain, Jacob	3773	24	Aug. 11
Marshall, Walter N	3664	7	Mar. 27	Snow, Daniel W	3785	17	Aug. 21
Mitchell, Irvin S	3665	11	Apr. 1	Shelly, James R	3791	14	Sept. 1
Morton, Charles E	3685	18	May 3	Schermehorn, George	3792	31	Do.
Matthews, Benjamin S	3706	10	June 2	Stokes, L. R	3794	6	Sept. 3
Miller, F. E	3711	16	June 10	Spragg, Charles H	3805	5	Sept. 23
Marmaduke, James A	3730	18	June 24	Simcoe, Samuel H	3810	11	Sept. 27
McGrath, John O	3747	17	July 24	Simmons, R. E. L	3817	13	Do.
McGuire, Millard F	3751	12	July 26	Stoddard, E. M	3823	26	Oct. 8
Magee, Hugh	3770	5	Aug. 10	Spry, Rufus K	3826	18	Oct. 9
Mann, Robert S	3790	8	Aug. 31	Skinner, W. W	3828	7	Oct. 11
Morgan, A. D	3799	18	Sept. 11	Shelly, Joseph R	3840	11	Nov. 1
Mayo, Milton S	3811	23	Sept. 27	Scott, William	3849	6	Nov. 15
Mears, William A	3833	17	Oct. 20	Simmons, Joseph W	3853	19	Nov. 20
Miller, Goodson	3834	25	Oct. 21	Springer, Edward D	3865	17	Dec. 8
Milligan, Robert T	3846	5	Nov. 9	Thompson, William	3672	13	Apr. 14
Martin, Charles W	3847	14	Nov. 10	Toler, Caleb	3692	24	May 8
Milligan, James F	3852	12	Nov. 19	Tull, Richard E	3708	9	June 4
Morgan, Charles	3868	8	Dec. 15	Toler, Walter M	3757	9	Aug. 2
Nelson, Charles L	3629	21	Feb. 24	Tatem, William B	3775	17	Aug. 13
Owens, Eben	3864	20	Dec. 7	Turlington John E	3844	13	Nov. 4
Page, Curtis H	3603	17	Jan. 5	Tillery, Thomas W	3862	9	Dec. 6
Payne, Thomas E. S	3613	12	Jan. 25	Venable, John A	3601	16	Jan. 2
Presson, W. W	3626	14	Feb 20	Wynns, James	3607	18	Jan. 12
Pugh, Jesse C	3652	20	Mar. 17	Williams, Ebe T	3612	11	Jan. 22
Parker, James G	3656	7	Mar. 18	Walker, Zero H	3631	17	Mar. 1
Phelps, W. T. W	3663	17	Mar. 26	Ward, F. C	3632	2	Do.
Parker, William C	3719	18	June 16	Williams, Samuel F	3643	18	Mar. 11
Powell, Lewis F	3720	6	June 17	Wescott, Bradrick	3646	19	Mar. 13
Paine, Charles E	3723	4	June 21	Walker, Pealedge P	3658	5	Mar. 23
Pritchett, William T	3724	26	June 22	Warren, William E	3660	16	Do.
Pritchett, John A	3727	15	June 24	Withy, George H	3671	26	Apr. 12
Partridge, Marius C	3735	10	June 29	Wood, William A	3694	6	May 10
Posey, Frederick	3740	12	July 12	Williams, John R	3699	21	May 19
Partridge, William H	3752	9	July 27	Wood, Arthur	3704	9	June 1
Petersen, Jens	3753	6	Do.	Watts, George R	3707	8	June 3
Posey, John F	3784	22	Aug. 21	Williams, Quinton T	3725	22	June 23
Posey, Jeremiah A	3795	12	Sept. 9	Willis, Justin E	3743	7	July 16
Pierce, James M	3800	16	Sept. 11	Willin, George H	3762	10	Aug. 6
Partridge, Willis M	3803	14	Sept. 14	Wood, Joseph D	3779	10	Aug. 14
Parvin, William A	3873	22	Dec. 30	Wallace, George W	3782	16	Aug. 18
Quillen, Peter	3695	15	May 13	Williams, George W	3813	17	Sept. 27
Reed, Harry E	3614	5	Jan. 25	Watson, J. D	3829	5	Oct. 12
Rodgers, Willis	3633	13	Mar. 2	Williams, Hankinson	3831	17	Oct. 16
Rolly, William J	3669	5	Apr. 8	Wilkinson, William A.	3832	10	Oct. 19
Rhodes, Jesse T	3683	16	Apr. 30	Willis, Reuben	3839	26	Oct. 28
Roberts, David J	3717	10	June 14	Willis, Eugene B	3857	15	Nov. 27
Richardson, James A	3745	9	July 20	Williams, W. T	3870	16	Dec. 18
Richardson, Edward	3756	12	July 31	Youngs, Hibbard	3726	15	June 23

Mates and pilots licensed during the year ended December 31, 1897—Norfolk, Va.

Forest, Musco R	1053	3	Sept. 1	Ransone, John B	1052	3	June 26
Harper, Hugh	1051	11	Mar. 29				

Pilots licensed during the year ended December 31, 1897—Norfolk, Va.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Ashberry, Charles H	1856	4	July 10
Ardison, F. W	1885	5	Oct. 12
Alexander, J. M	1896	12	Nov. 18
Brownley, John F	1801	2	Jan. 5
Bunch, John E	1814	10	Apr. 2
Banks, Christopher T	1866	3	Aug. 11
Brownley, George W	1880	4	Sept. 13
Bohannon, Eric R	1890	10	Oct. 23
Colgin, R. E	1803	13	Jan. 30
Cason, Howard A	1817	9	Apr. 14
Crain, Haywood B	1829	9	May 6
Cline, James H	1840	15	June 4
Calais, Clifford C	1874	12	Aug. 31
Crane, John M	1875	12	Sept. 7
Cannon, Thomas J	6604	13	Dec. 18
Davis, Norman W	1827	10	May 4
Diggs, Isaac E	1855	10	July 10
Dixon, John B	1858	13	July 22
Duke, William A	1864	10	Aug. 10
Drew, F. A	1868	15	Aug. 13
Dixon, John W	6606	11	Dec. 24
Etheridge, George A	1844	2	June 14
Etheridge, Robert D	1883	8	Oct. 1
Forrest, George S	1802	6	Jan. 29
Forrest, Silas C	1828	9	May 6
Forrest, John H	1889	8	Oct. 16
Grant, James B	1807	15	Mar. 23
Geoghegan, William A	1809	3	Mar. 25
Goodwin, Caleb	1811	16	Mar. 29
Gard, Albert W	1839	5	June 2
Godwin, Edwin T	1851	21	June 26
Gard, William W	6603	6	Dec. 15
Hudson, Joshua H	1832	22	May 22
Hines, Elmer E	1834	8	May 25
Henderson, E. P	1853	7	July 9
Holmes, D. H	1860	7	July 29
Hudgins, Alonzo L	1863	8	Aug. 10
Hatton, J. K., jr	1867	11	Aug. 13
Harrington, George W	1872	3	Aug. 20
Hays, William R	1881	9	Sept. 30
Hudgins, J. J	1886	7	Oct. 13
James, Jefferson	1806	12	Mar. 20
Jackson, James G	1830	11	May 22
Jones, John S	1876	8	Sept. 9
Jones, Charles R	1891	18	Oct. 29
Jellison, Herbert W	1899	14	Nov. 29
Karll, John W. H	1805	8	Mar. 16
Kendrick, Henry	1841	6	June 5
Keith, C. W	1849	6	June 22
Kelly, W. J. T	1877	4	Sept. 11
Morgan, William T	1812	7	Mar. 31
Martin, Orlando H	1816	15	Apr. 12
Miller, William M	1818	7	Apr. 17
Meads, William	1819	8	Do.
Marshall, Joseph F	1820	12	Apr. 20
McHorney, Ellis	1821	11	Do.
Mills, William	1824	24	Apr. 28
Mercer, Wilson	1831	14	May 22
Mott, Frank B	1836	17	May 29
Morris, James C	1846	16	June 18
Munden, Horace G	1847	2	Do.
Mills, Leroy A	1852	22	July 8
McGrath, George	1854	7	July 10
Marshall, Albert N	1857	12	July 20
Marshall, Richard M	1859	11	July 26
Moore, H. Frazier	1862	2	Aug. 3
Morrisett, Tully B	1884	9	Oct. 2
Nobles, John P	1900	9	Dec. 8
Overton, William J	6605	10	Dec. 23
Phillips, Stephen J	1813	4	Apr. 2
Puckett, Charles D	1826	6	May 3
Partridge, Sidney C	1837	10	June 1
Posey, Charles P	1861	5	Aug. 3
Parkin, Edmond	1871	9	Aug. 20
Phelps, George W	1873	8	Aug. 28
Parvin, William M	1878	9	Sept. 11
Powell, George T	1882	8	Sept. 30
Palmer, William A	1895	14	Nov. 16
Phelps, James M	6607	7	Dec. 24
Roberts, E. T	1825	12	Apr. 30
First-class pilots—Continued.			
Ransone, Thomas C	1835	6	May 27
Reynolds, Frank P	1838	8	June 1
Rayfield, William T	1894	5	Nov. 8
Savage, John W	1804	6	Jan. 30
Salvison, J. Christian	1815	6	Apr. 5
Sparks, Charles C	1823	11	Apr. 27
Schoff, Peter W	1843	7	June 7
Selby, Gordon K	1870	8	Aug. 17
Schuster, Charles P	1897	10	Nov. 27
Smith, James T	6602	11	Dec. 14
Turner, J. Archie	1842	3	June 7
Tull, Clarence E	1845	3	June 14
Toler, Isaiah C	1887	5	Oct. 14
Toler, Ambrose B	1888	17	Oct. 15
Tatem, Gelme L	1892	8	Nov. 1
Wood, Richard E	1808	5	Mar. 24
Wallace, Joseph W	1810	14	Mar. 27
Williams, Walter S	1822	10	Apr. 23
Winslow, F	1833	8	May 24
Watson, Louis	1848	6	June 21
Wood, Felder M	1850	3	June 25
Wainwright, Benj. F	1865	2	Aug. 10
Womble, William J	1869	8	Aug. 13
Willis, Abner F	1879	15	Sept. 13
Walker, Gideon M	1893	11	Nov. 1
Woodley, D. E	1898	6	Nov. 27
Ward, Claudius L	6601	5	Dec. 8
Second-class pilots.			
Alexander, Henry C	2328	12	Feb. 27
Avis, Franklin L	5615	14	July 12
Atkinson, Homer	5667	7	Sept. 17
Ashby, John B	5682	1	Oct. 19
Beveridge, John T	2304	4	Jan. 12
Borum, Josiah	2322	12	Feb. 12
Bailey, James W	2338	12	Mar. 23
Bennett, William P	2369	1	Apr. 21
Brunsey, Wallace	2396	1	June 14
Bunting, H. M	5616	2	July 12
Bethel, Richard H	5620	7	July 15
Boush, W. H	5657	1	Sept. 8
Bond, D. Graham	5683	9	Oct. 21
Bloodgood, William S	5687	6	Nov. 2
Brooks, Howard L	7110	2	Dec. 30
Craddock, A E	2307	5	Jan. 15
Curtis, Robert L	2310	16	Jan. 19
Cotton, Joseph	2330	3	Mar. 1
Cross, R. B	2387	14	May 18
Clarke, John J	2400	7	June 23
Clifford, Charles	5629	16	July 31
Corprew, Walter	5642	1	Aug. 10
Collison, Charles	5678	6	Oct. 12
Callis, Rufus P	5699	6	Dec. 8
Charles, John W	7103	1	Dec. 14
Davis, Eugene S. W	2323	2	Feb. 16
Dunton, David W	5621	8	July 17
Dixon, John B	5623	13	July 22
Dunford, James H	5647	14	Aug. 18
Duke, R. W	5648	4	Aug. 20
Depass, John R	5660	8	Sept. 10
Darling, Frank W	5684	9	Oct. 23
Dixon, Ambrose W	7108	7	Dec. 24
Evans, William S	5651	6	Aug. 28
Forbes, Charles W	2302	5	Jan. 5
Felton, Lewis	2333	5	Mar. 13
Forbes, Isaac B	2371	3	Apr. 23
Fentress, Wilson S	2380	8	May 5
Fentress, Isaac N	2382	7	May 6
Foxwell, S. F	2390	5	May 27
Floyd, William J	5606	7	June 30
Farren, Walter R	5646	11	Aug. 18
Foreman, Zach	5650	7	Aug. 24
Forrest, W. H	5656	1	Sept. 7
Furman, Edgar J	5688	3	Nov. 2
Franck, V. D	5690	7	Nov. 9
Forrest, Luther F	7104	1	Dec. 14
Glover, Sambo	2316	15	Feb. 2
Gard, John H	2350	9	Apr. 5
Guy, James R	2360	7	Apr. 9

Pilots licensed—Norfolk, Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Gibbs, Edmund F	5618	5	July 14
Garrenton, Burfoot B	5633	1	Aug. 2
Greenwell, William F	5655	6	Sept. 2
Garrenton, John B	5691	2	Nov. 11
Hudgins, Arthur C	2325	10	Feb. 18
Harrell, Thomas	2327	14	Feb. 26
Heath, C. C	2336	12	Mar. 20
Hunley, Robert J	2348	1	Apr. 2
Hayes, James E	2349	5	Apr. 5
Holgee, Peter C	2384	4	May 15
Harris, William H	5603	11	June 29
Hurdle, Joseph	5607	1	June 30
Hyers, Charles	5662	6	Sept. 14
Hall, Theodore L	5664	7	Do.
Hodges, George W	5672	3	Sept. 27
Hancock, William	5695	12	Nov. 26
Harrell, John	7106	16	Dec. 22
James, Andrew	5634	1	Aug. 2
Kerman, Lee B	2367	1	Apr. 15
Knight, Robert S	2392	5	June 5
Karlberg Charles	5681	3	Oct. 19
Lucas, John R	2301	12	Jan. 5
Lancaster, David S	2317	6	Feb. 5
Lloyd, John E	2332	6	Mar. 8
Lawrence, Charles P	2361	9	Apr. 10
Lane, Thomas	2381	7	May 6
Lowe, Fred W	5628	6	July 29
Lindsay, Edward C	5643	17	Aug. 12
Lilly, George O	5644	5	Do.
Leach, George T	5665	6	Sept. 15
Latham, Augustus	5685	9	Oct. 26
Midgett, Tilman F	2305	5	Jan. 12
Munden, James S	2324	2	Feb. 16
Morrisett, Henry	2342	2	Mar. 27
Miller, Charles	2364	2	Apr. 14
McElroy, Daniel	2384	1	May 17
Mariner, Eugene R	2391	1	June 1
Marshall, John W	5612	9	July 9
Morrisett, Major	5624	11	July 22
Mott, Wallace	5649	10	Aug. 24
McHorney, W. V	5654	1	Aug. 31
Meads, John	5692	23	Nov. 12
Morgan, Bennie O	5693	7	Nov. 18
Morecock, William S	5697	4	Dec. 7
McConnell, George	5698	5	Dec. 8
Mills, W. T	5700	18	Dec. 10
Needham, Alexander	5676	5	Oct. 8
Newberry, Abraham	5696	1	Dec. 1
Owens, John J	2331	3	Mar. 2
Owens, Willie L	2347	1	Mar. 30
Overman, George W. P	2353	2	Apr. 6
Owens, Clarence W	2398	2	June 19
Overton, Robert C	5601	5	June 26
Overton, J. H	5602	2	Do.
Owens, I. N	7107	7	Dec. 22
Phelps, William T	2326	6	Feb. 24
Powell, A. E	2329	7	Feb. 27
Phillips, Marion	2341	19	Mar. 25
Partridge, William	2375	3	May 1
Passeno, Joseph	2383	16	May 13
Perry, Stephen D	5652	15	Aug. 30
Partridge, John W	5677	9	Oct. 9
Pickles, Benjamin F	5694	10	Nov. 22
Phillips, Edward W	7109	1	Dec. 28
Quillin, Henry D	5640	1	Aug. 10
Roper, George W	2386	4	May 18
Raper, William F	5626	14	July 29
Rice, Benjamin S	5645	18	Aug. 12
Ragan, William A	5666	18	Sept. 16
Roberts, Alexander N	5670	2	Sept. 25
Richardson, James M	5674	2	Do.
Rice, Daniel P	5680	8	Oct. 16
Styron, Reuben	2303	1	Jan. 5
Sadler, George H	2309	6	Jan. 18
Sullivan, M. J	2311	1	Jan. 22
Snider, Thomas E	2372	6	Apr. 24
Simmons, E. M	2379	6	May 4
Smith, James H	2393	4	June 9
Second-class pilots—Continued.			
Snell, William T	5608	13	July 2
Sawyer, William F	5638	14	Aug. 10
Simmons, Louis E	5641	1	Do.
Spry, Virginius	5686	8	Oct. 26
Taylor, William	5617	12	July 13
Thomas, William C	5679	10	Oct. 15
Venters, George F	5604	8	June 29
Wynne, John William	2318	1	Feb. 10
Webb, William T	2334	20	Mar. 19
Ward, James H., jr	2339	8	Mar. 23
Wheeler, Elmer F	2352	6	Apr. 5
Williams, Gilbert H	2388	1	May 24
Walke, E. H	2395	11	June 14
Walker, Henry S	2399	5	June 19
Wilcox, A. F	5619	4	July 15
Walker, Lewis N	5625	7	July 24
Woodard, Elijah F	5627	16	July 29
Wilson, James R	5659	6	Sept. 9
Walker, Stewart	5689	8	Nov. 9
Special pilots.			
Alexander, Joseph	2312	9	Jan. 25
Alexander, John	5614	15	July 10
Blount, Maxwell	2345	12	Mar. 29
Blair, Arthur A	2351	1	Apr. 5
Bloodgood, William	2365	7	Apr. 15
Blount, William	2374	10	Apr. 30
Brooks, Frank L	2376	1	May 3
Brown, Whitman	2389	13	May 26
Beale, Elias L	5630	3	Aug. 2
Bloodgood, Abram	5653	4	Aug. 30
Cannon, William W	2321	20	Feb. 12
Collins, John	2354	4	Apr. 7
Capehart, W. R	2356	4	Do.
Cullifer, J. B	2362	8	Apr. 12
Calkins, A. J	2368	1	Apr. 20
Clarke, William E	5604	1	June 29
Cacace, Vincent	5639	2	Aug. 10
Denmead, Charles	2359	7	Apr. 9
Douglass, Thos. James	5622	4	July 20
Duke, James M	5632	1	Aug. 2
Etheridge, Edward E	2357	2	Apr. 7
Everett, S. K	7102	6	Dec. 13
Faulk, Obadiah	2337	5	Mar. 20
Gaskill, David	2308	3	Jan. 16
Glover, Edward	2315	10	Feb. 2
Gaskins, Henry S	2366	8	Apr. 16
Gilliam, George W	5635	1	Aug. 3
Grim, Charles P	5658	2	Sept. 8
Hickman, Walter S	2370	7	Apr. 22
Holly, Thomas D	2373	12	Apr. 25
Harris, John T	2377	11	May 3
Jones, Alexander	5663	8	Sept. 14
Lamb, Garrison	2344	9	Mar. 29
Lee, George S	5636	3	Aug. 5
Landing, James D	7105	2	Dec. 15
Morrow, John W	5661	3	Sept. 11
Oliver, Martin V. B	2320	1	Feb. 11
Owens, George W	5631	4	Aug. 2
Pilant, Henry G	2378	8	May 4
Powers, D. W	5609	7	July 5
Quigley, M	5673	4	Sept. 27
Rosenbaum, Joseph M	2363	3	Apr. 14
Rock, Charles A	5668	21	Sept. 17
Swindell, Charles A	2306	1	Jan. 15
Smith, Charles A	2313	1	Jan. 27
Sawyer, John	2343	1	Mar. 29
Skinner, John Tyler	2355	4	Apr. 7
Skinner, Joseph	2358	5	Apr. 8
Smith, Thos. Edward	5637	4	Aug. 5
Shelton, George E	5669	1	Sept. 25
Smith, R. L	5671	5	Sept. 27
Smithson, Wealea	7101	5	Dec. 11
Towe, Matthew	5617	12	Oct. 6
Williams, Wilson D	2314	11	Jan. 27
Weaver, Alphonso	2319	1	Feb. 10
Wiggins, William D	2335	5	Mar. 19

Pilots licensed—Norfolk, Va.—Continued.

Name.	o. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.				*Special pilots*—Cont'd.			
Wood, J. G	2346	5	Mar. 29	Way, H. R	5610	4	July 8
Wilkinson, Jesse	2394	1	June 11	Whitson, William S	5613	12	July 9
Wallace, W. F	2397	1	June 15	Zoeller, R. A	2340	2	Mar. 25

Joint pilots and engineers licensed during the year ended December 31, 1897—Norfolk, Va.

Conger, E. R	610	1	July 20	Perry, G. W	615	2	Oct. 18
Calkins, A. J	614	1	Oct. 5	Perry, J. L	616	2	Do.
Glover, John W	608	1	June 29	Redfield, D. W	602	2	Feb. 18
Haynes, E. M	601	2	Jan. 27	Stone, Daniel	603	2	Mar. 18
Hines, R. N	611	1	July 20	Tilghman, T. W	604	3	Apr. 5
Lindsay, J. B	609	3	July 9	Wallace, George T., jr	607	3	June 8
Myers, Fred W	617	3	Oct. 19	Zoeller, E. V	612	2	Sept. 9
Pittman, Clarence S	605	1	Apr. 26	Zoeller, R. A	613	2	Sept. 27
Petersen, Jens	606	4	May 8				

Engineers licensed during the year ended December 31, 1897—Norfolk, Va.

Chief engineers (ocean).				*Chief engineers (ocean)*—Continued.			
Borum, Josiah	4239	27	Feb. 12	McDonald, John H	4244	7	Feb. 17
Brooks, George S	4274	13	Mar. 16	Munden, John H	4245	15	Feb. 19
Bray, E. W	4290	16	Mar. 25	McPherson, William	4269	25	Mar. 9
Boushell, George	4293	14	Mar. 29	Morton, J. M	4333	17	May 20
Bowes, John	4327	2	May 11	Munden, Albert	4343	17	May 26
Barnes, R. T	4339	31	May 25	Maith, John L	4345	22	May 29
Bell, E. P	4360	20	June 18	Miller, G. W	4384	6	July 10
Burrow, Walter P	4367	34	June 28	McCrink, Joseph	4395	13	July 21
Blaisdell, John H	4453	5	Oct. 2	McLaughlin, William	4419	12	Aug. 21
Bleyer, George H	4461	17	Oct. 21	Milne, James S	4432	3	Sept. 9
Blann, J. E	4471	6	Nov. 8	McLaughlin, Thomas	4447	20	Sept. 27
Culley, Joseph	4316	19	Apr. 22	Neely, James A	4214	7	Jan. 18
Culpeper, N. D	4331	21	May 14	Nicholson, James W	4255	11	Feb. 27
Carroll, H. P	4357	19	June 16	O'Rourke, John H	4222	3	Jan. 25
Calder, Edward E	4368	13	June 28	Overton, W. F	4371	16	June 30
Connell, James	4404	17	Aug. 2	Odeon, F. B	4383	16	July 10
Christiansen, Neils	4469	1	Nov. 3	O'Donnell, James	4477	30	Nov. 12
Cory, William H. H	4475	21	Nov. 10	Patrick, Aldebert	4321	18	May 4
Childress, John M	4476	21	Nov. 11	Preston, Vernon F	4386	5	July 12
Colonna, M. D	4498	7	Dec. 22	Ross, John M	4292	29	Mar. 27
Dowdy, Samuel	4365	13	June 25	Richards, Samuel B	4298	26	Apr. 2
Devlin, Thomas	4412	16	Aug. 11	Ritter, W. E	4342	8	May 26
Driver, John	4446	3	Sept. 27	Rick, A. J	4380	9	July 8
Davenport, Charles T	4487	9	Dec. 7	Rice, W. E	4403	11	Aug. 2
Erambert, Louis P	4209	18	Jan. 11	Stell, Charles F	4261	15	Mar. 2
Evans, John T	4420	8	Aug. 24	Scarbrow, Colin	4271	21	Mar. 11
Evans, Alfred C	4424	10	Aug. 27	Smiley, Samuel D	4273	25	Mar. 13
Everett, Jesse H	4459	21	Oct. 18	Simpson, H. L	4346	18	June 1
Fauntleroy, William M	4319	24	Apr. 30	Smith, Fred O	4351	16	June 8
Fisher, Ernest	4336	15	May 22	Spalding, James A	4352	14	June 10
Frazier, Henry C	4340	16	May 25	Smith, F. C	4400	13	July 29
Ferguson, W. G	4364	37	June 24	Smith, John H	4406	33	Aug. 4
Fleming, J. T	4401	17	July 30	Sawyer, John H	4435	20	Sept. 11
Forbes, Thomas	4454	18	Oct. 5	Simpson, John J	4452	5	Sept. 29
Glover, Flosser	4347	11	June 1	Snider, Thos. Ellsworth	4493	4	Dec. 15
Guy, James R	4441	10	Sept. 27	Stevenson, George	13403	6	Dec. 30
Haulon, Thomas J	4229	5	Feb. 1	Trower, John H	4257	14	Mar. 1
Hope, Thomas	4275	38	Mar. 16	Topham, James H	4301	26	Apr. 5
Hudgins, N. A	4291	6	Mar. 26	Turner, Edward H	4413	24	Aug. 12
Heitman, Henry O	4332	19	May 18	Tabb, Henry A	4418	31	Aug. 21
Harrison, William H	4381	12	July 9	Talbot, John F	4431	14	Sept. 9
Hanks, F. F	4421	16	Aug. 25	Tabb, Moss W	4434	21	Sept. 10
Hardester, John	4482	33	Nov. 26	Townsend, John J	4494	17	Dec. 20
Hand, Samuel T., jr	4499	31	Dec. 22	Vaiden, Robert	4211	41	Jan. 12
Jones, William H	4442	19	Sept. 27	Williams, John A	4218	17	Jan. 23
Kilpatrick, Thomas J	4223	11	Jan. 26	Wright, Henry X	4234	11	Feb. 4
Knight, John H	4437	14	Sept. 14	Woodard, Arthur W	4309	5	Apr. 14
Kroll, Charles	4468	16	Nov. 2	West, William E	4330	17	May 14
Lee, Jesse	4405	24	Aug. 3	White, Thomas H	4398	5	July 24
Martin, W. R	4225	12	Jan. 27	Worrell, M. E	4430	4	Sept. 9

Engineers licensed—Norfolk, Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Walker, Major C	4439	12	Sept. 16
White, E. P., jr	4451	2	Sept. 28
Wyman, Hiram B	4456	14	Oct. 12
Wilkins, Sidney S	4474	8	Nov. 10
Zirpel, Rudolph	4475	11	Nov. 9
Chief engineers (inland).			
Arnold, George	4334	15	May 21
Armstead, W. P	4335	27	Do.
Armstead, R. T	4391	16	July 17
Aumach, S. S	4479	10	Nov. 19
Bland, Lewis W	4216	14	Jan. 19
Bruer, James I	4252	5	Feb. 26
Bethel, Thomas	4277	16	Mar. 17
Bleyer, Andrew	4287	4	Mar. 23
Britton, W. T	4296	9	Mar. 31
Bullock, E. J	4297	8	Apr. 2
Billups, John C	4299	7	Do.
Booth, James J	4309	12	Apr. 16
Barclift, Richard	4350	3	June 4
Brown, John W	4358	8	June 16
Bain, W. W	4374	20	July 2
Bone, Hugh	4377	14	July 3
Bond, Charles H	4388	11	July 13
Borden, John T	4389	5	July 14
Barco, Bailey M	4393	10	July 21
Ballance, Greenville	4427	16	Aug. 30
Baker, John S	4448	24	Sept. 27
Buck, Charles A	4450	4	Sept. 27
Bartlett, Owen W	4466	13	Nov. 1
Bonner, R. L	4491	11	Dec. 14
Cherry, W. T	4220	10	Jan. 23
Colgin, R. E	4227	14	Jan. 30
Conway, Charles L	4242	12	Feb. 18
Cooke, Charles T	4250	11	Feb. 25
Cunningham, W. C	4258	16	Mar. 2
Chambers, Thomas	4260	16	Do.
Callis, Walter J	4281	13	Mar. 22
Carr, John Thompson	4282	15	Do.
Callahan, Michael	4323	4	May 8
Callis, A. J	4369	19	June 29
Carty, William H	4394	37	July 20
Cofield, Ruffin W	4428	19	Aug. 30
Cumbea, John R	4449	11	Sept. 27
Colgin, George W	4460	11	Oct. 19
Clifford, Chester W	4465	13	Oct. 29
Crain, Haywood B	4480	14	Nov. 24
Chambers, John J	4495	23	Dec. 20
Casey, James A	4496	27	Do.
Dennis, C. M	4251	16	Feb. 25
Donovan, Benjamin M.	4272	19	Mar. 12
Dunn, James T	4276	15	Mar. 17
Durphy, W. F	4284	9	Mar. 23
Derickson, James	4337	10	May 24
Dozier, J. L	4379	7	July 8
Dunn, W. E	4402	19	July 31
Dorsey, George W	4423	25	Aug. 27
Dowdy, James	4445	17	Sept. 27
Egan, Frederick A	4279	10	Mar. 19
Elliot, Richard	4322	23	May 6
Evans, De Lancey	4363	11	June 22
Eldridge, De Witt	4416	8	Aug. 4
Everett, William A	4488	3	Dec. 7
Forbes, W. B	4266	19	Mar. 5
Fay, Thomas F	4270	7	Mar. 11
Flippen, Archie B	4324	11	May 8
Faulk, Alexander	4325	15	May 10
Fisher, Walter D	4470	10	Nov. 4
Goelet, Robert L	4203	2	Jan. 5
Grey, Walter	4235	15	Feb.
Gray, William B	4240	11	Feb. 15
Grimes, Henry	4259	16	Mar. 2
Griffin, William F	4267	22	Mar. 6
Glover, John W	4295	12	Mar. 30
Gray, B. F	4314	13	Apr. 21
Gurney, Thomas	4361	21	June 19
Chief engineers (inland)—Continued.			
Gallilee, Paul	4370	11	June 29
Guy, Thomas	4375	16	July 3
Griffin, Joel A	4458	11	Oct. 14
Greenwell, W. F	4462	22	Oct. 26
Harrell, James M	4205	19	Jan. 8
Hooper, Wallace	4206	17	Do.
Hussey, F. N	4224	12	Jan. 27
Holloway, W	4231	9	Feb. 4
Holland, George W	4249	2	Feb. 24
Harrell, James C	4256	3	Mar. 1
Howell, James D	4262	8	Mar. 3
Hickman, W. A	4286	18	Mar. 23
Harrison, Joseph B	4289	7	Mar. 24
Hoffman, William	4305	17	Apr. 12
Hickman, A. E	4307	5	Apr. 13
Hussey, George A	4317	7	Apr. 23
Hodges, John T	4338	17	May 24
Harcum, James P	4341	11	May 25
Hirst, George W	4359	3	June 18
Howell, W. E	4382	19	July 9
Harrison, Merritt P	4407	5	Aug. 5
Harris, John T	4443	7	Sept. 27
Harrison, Silas B	4484	9	Nov. 30
Holtzschelter, Julius	4490	15	Dec. 10
Hand, Clayton P	4492	1	Dec. 15
Hussey, Charles	13401	13	Dec. 27
Harris, John G	13402	7	Dec. 30
Judkins, Thomas	4230	24	Feb. 2
Jones, George R	4241	10	Feb. 18
Jones, Charles E	4372	14	June 30
Jones, Thomas	4410	9	Aug. 10
Jeffries, William T	4481	17	Nov. 26
Johnson, John	4489	17	Dec. 9
Kendall, Thomas H	4208	13	Jan. 8
Kennedy, George	4228	7	Jan. 30
Kelly, J. Curtis	4315	12	Apr. 22
King, William	4392	12	July 19
Loder, Robert	4236	17	Feb. 8
Luck, James E	4237	12	Feb. 10
Luck, W. H	4263	23	Mar. 3
Leffler, Daniel	4328	27	May 12
Lyon, W. R	4354	13	June 11
Linton, B. F	4455	16	Oct. 6
Matson, Edgar L	4219	8	Jan. 23
Merkle, Charles V	4232	17	Feb. 4
Murphy, J. T	4247	2	Feb. 20
McClure, William	4254	29	Feb. 27
McGrath, Thomas	4283	4	Mar. 22
Morton, William S	4306	7	Apr. 13
Mitchell, Benjamin R	4326	18	May 10
Morris, A. E	4422	10	Aug. 26
Marks, Walter C	4464	14	Oct. 29
McMasters, John	4485	8	Nov. 30
Naylor, Samuel	4344	16	May 29
Oliver, Henry W	4268	16	Mar. 6
O'Connor, John	4411	18	Aug. 11
Overton, John L	4426	9	Aug. 28
Ozman, H. C	4440	8	Sept. 16
Powell, Charles H	4202	6	Jan. 2
Priest, S. B	4204	13	Jan. 5
Price, J. Wilbur	4248	5	Feb. 20
Pea, James A	4265	13	Mar 4
Pearce, William E	4329	18	May 14
Pebworth, John L	4349	19	June 2
Phillips, William W	4378	11	July 6
Pearce, Lemuel B	4387	8	July 13
Parker, Franklin E	4399	25	July 28
Partridge, Aldebaran	4414	8	Aug. 12
Perry, William E	4472	7	Nov. 9
Riley, John T	4201	10	Jan. 2
Ridgewell, James	4215	9	Jan. 19
Robinson, John	4285	34	Mar. 23
Rankam, A. H	4356	15	June 15
Rhodes, Charles E	4417	12	Aug. 14
Staples, Samuel A	4207	10	Jan. 8
Sullivan, Charles	4213	5	Jan. 15
Stewart, E. T	4217	13	Jan. 22
Sheville, Edward L	4221	8	Jan. 23

Engineers licensed—Norfolk, Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Sears, William T	4238	13	Feb. 12
Smith, George	4280	6	Mar. 22
Smith, Eugene P	4294	9	Mar. 30
Sutherland, Thomas	4300	18	Apr. 3
Snow, Edward	4304	15	Apr. 9
Seemer, J. Russell	4310	4	Apr. 17
Seddinger, George M	4313	15	Apr. 21
Scarbrough, John	4318	26	Apr. 30
Shelton, George	4320	17	May 1
Smith, George R	4355	3	June 12
Smith, Hiram	4366	32	June 25
Scarbrow, William	4373	29	July 1
Sirian, C. A	4396	13	July 22
Smith, Charles O	4397	20	July 24
Sullivan, John	4409	7	Aug. 10
Shipley, Walter	4415	31	Aug. 14
Smith, J. M	4433	14	Sept. 10
Stiles, Gilbert F	4436	6	Sept. 13
Stanwood, Samuel J	4483	14	Nov. 27
Trevett, John H	4212	14	Jan. 15
Tolley, William T	4233	16	Feb. 4
Toler, Alverta	4264	12	Mar. 4
Taylor, Robert E	4385	32	July 12
Thomas, John W	4408	24	Aug. 9
Tyler, Edwin H	4429	22	Sept. 7
Thornton, John	4444	23	Sept. 27
Van Nostrand, Geo. W.	4226	7	Jan. 30
Vann, James W	4457	3	Oct. 14
Waterfield, O. W	4243	4	Feb. 18
Walker, Joseph A	4246	13	Feb. 20
Wilson, Frank W	4253	10	Feb. 27
Walker, W. C	4278	18	Mar. 17
Woodard, William S	4288	7	Mar. 23
Wilkinson, P. H	4302	5	Apr. 5
Waters, W. A	4303	16	Apr. 9
White, John W	4311	14	Apr. 19
Wescott, John H	4312	18	Apr. 21
Ward, Harman B	4348	19	June 1
Walker, James A	4353	18	June 10
Wallace, Willis R	4362	9	June 19
White, Fred L	4376	7	July 3
West, John T	4390	6	July 15
White, William	4438	28	Sept. 15
Walker, Levie W	4463	16	Oct. 27
Webster, Joseph	4467	8	Nov. 1
White, Walter H	4478	24	Nov. 16
Walters, W. J	4486	16	Dec. 6
Watkins, Alexander	4497	21	Dec. 20
Wilkins, James E	4500	23	Dec. 27
Zoeller, R. A	4425	8	Aug. 27
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Ashby, Aaron F	3141	12	Mar. 1
Anderson, Samuel	7031	23	July 24
Armstead, R. T	7034	17	Do.
Ainsworth, Chester T	7079	4	Oct. 23
Blake, J. H	3132	8	Feb. 18
Baker, Lee R	3139	6	Feb. 27
Booker, W. C	3150	11	Mar. 16
Beasley, W. J	3165	10	Apr. 7
Breckenridge, Mars K.	3199	6	May 26
Booth, A. C	7004	14	June 2
Bowens, James H	7052	6	Aug. 27
Blades, Charles G	7056	3	Sept. 1
Brock, L. D	7098	8	Nov. 23
Brett, George A	9613	1	Dec. 22
Crapser, William J	3103	2	Jan. 9
Colgin, James M	3109	14	Jan. 19
Colgin, John	3134	12	Feb. 22
Carlon, Edward R	3192	15	May 22
Cline, James H	7006	19	June 4
Cherry, Moses	7021	14	July 11
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Cole, William	7029	17	July 23
Corprew, Daniel	7041	11	Aug. 4
Chappell, W. H	7083	6	Nov. 2
Cotton, Joseph K	7086	2	Nov. 8
Cogswell, Charles H	7089	1	Nov. 9
Cale, Duncan L	7094	7	Nov. 23
Downing, James S	3157	5	Mar. 30
Dunn, Samuel C	3180	5	May 5
Douglass, S. M	3188	17	May 14
Drake, D. T	7003	16	May 29
Dunn, Harry	7022	12	July 13
Denmead, Charles	7028	14	July 22
Dillard, James R	7046	2	Aug. 18
Duke, L. J	7080	7	Oct. 26
Douglass, James	7091	15	Nov. 15
Delon, Phineas	7092	14	Nov. 16
Davenport, John	9602	14	Dec. 16
Driscoll, Daniel	9605	18	Do.
Everett, George H	3174	2	Apr. 21
Evans, George, jr	7064	3	Sept. 15
Emory, Frederick C	7096	1	Nov. 23
Edwards, John L	9603	16	Dec. 16
Furman, Horace	3102	4	Jan. 5
Fitch, George Q	3137	1	Feb. 23
Frazier, James F	3194	5	May 22
Griffin, George B	3124	4	Feb. 11
Green, John	3129	14	Feb. 12
Gammons, Robert B	7008	2	June 7
Harrison, Henry S	3111	4	Jan. 21
Henry, Patrick	3116	16	Jan. 23
Hall, E. G	3125	8	Feb. 11
Harrison, Charles	3126	15	Do.
Hampton, John M	3130	5	Feb. 15
Harrell, Lafayette H	3136	1	Feb. 23
Harris, Jackson	3152	2	Mar. 26
Horton, Richard	3158	11	Apr. 2
Hampton, Thomas J	3173	3	Apr. 19
Harrison, W. J	3179	14	May 4
Holloman, William C	3195	2	May 22
Hanvey, Michael	7009	3	June 8
Harris, John P	7043	4	Aug. 10
Hinton, W. T	7048	16	Aug. 20
Harris, Arthur	7057	5	Sept. 8
Hendricks, Joseph	7069	16	Sept. 27
Jenkins, C. J	3106	5	Jan. 15
Jones, W. R	7035	9	July 28
Jones, Thomas P	7053	11	Aug. 30
Johnson, Thomas	7093	18	Nov. 22
Jones, Thomas A	9606	14	Dec. 16
Kersey, Charles W	3110	14	Jan. 20
Ketcham, James	3122	11	Feb. 8
Kilgour, John R	3123	1	Feb. 10
Knight, James R	3146	7	Mar. 11
Knight, William A	3167	2	Apr. 8
Kight, William D	3184	8	May 7
Knapp, Roswell M	7051	17	Aug. 25
Kersey, Joseph T	7054	16	Aug. 30
Leggett, L. W	3162	12	Apr. 5
Leddy, Thomas	3164	3	Do.
Lanier, W. W	3170	11	Apr. 15
Lawrence, Paul	7011	2	June 11
Lindsay, David	7017	5	July 6
Lee, Enoch	7038	12	Aug. 2
Lawrence, Edward D	7065	3	Sept. 17
Leary, George W	7097	4	Nov. 23
McCaulley, Rhody	3127	4	Feb. 11
McCaulley, William	3128	7	Do.
Mitchell, John H	3186	10	May 10
Miller, William A	3189	1	May 19
Morgan, Timothy	7014	3	June 16
McCloud, William	7025	7	July 20
Megenney, Wilber E	7055	1	Aug. 31
Mears, Thomas	7082	14	Oct. 28
Morrison, Robert	9611	13	Dec. 22
Morrisett, William	9615	15	Dec. 29
Owen, Henry M	3155	7	Mar. 30

Engineers licensed—Norfolk, Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Page, Alonzo	3112	13	Jan. 22
Piland, W. H., jr	3113	4	Do.
Piland, John F	3119	12	Jan. 28
Pulliam, William St. P.	3121	7	Feb. 8
Pailen, Alfred	3147	16	Mar. 13
Pitcher, Charles H	3166	9	Apr. 8
Powell, T. Edward	3175	6	Apr. 23
Pocklington, W. T	3196	16	May 24
Pilley, John H	7005	12	June 2
Parker, L. M	7026	11	July 20
Pettingill, W. H	7036	12	July 31
Passeno, Joseph	7060	16	Sept. 9
Person, George	7077	9	Oct. 16
Pickles, Ellis	7085	15	Nov. 6
Quigley, M	3133	12	Feb. 20
Robbins, Robert	3145	15	Mar. 9
Rice, Frederick L	3153	9	Mar 27
Rankin, Henry O	3161	3	Apr. 5
Rodgers, B. E	3171	12	Apr. 15
Respass, H. E	3193	15	May 22
Ritchie, R. F	7010	8	June 11
Robinson, Charles	7047	24	Aug. 18
Richards, John W	7050	13	Aug. 24
Reed, John M	7084	14	Nov. 5
Robinson, George O	7090	8	Nov. 12
Sanders, Charles E	3117	1	Jan. 26
Sebrell, William H	3120	1	Feb. 2
Sadler, William H	3144	1	Mar. 6
Sunderland, Basil S	3149	7	Mar. 16
Sturdivant, George W	3156	2	Mar. 30
Simms, James E	3172	12	Apr. 17
Smith, L. A	3176	11	Apr. 23
Sturtevant, Chas. H., jr	3190	1	May 22
Smith, Robert A	3198	13	May 26
Sutton, Washington	3200	1	May 27
Stone, Peter	7001	16	Apr. 28
Scott, Edlow	7018	12	July 8
Sawyer, A. E	7033	14	July 24
Smith, R. L	7068	10	Sept. 27
Sykes, S. S	9607	8	Dec. 17
Saunders, Thomas	9610	15	Dec. 22
Tyler, Nathan	3140	7	Mar. 1
Taylor, Virginius	3191	15	May 22
Tatem, S. H	7023	7	July 15
Taylor, Charles L	7027	9	July 21
Tatum, R. S	7044	12	Aug. 11
Tarkenton, Broughton	7058	1	Sept. 8
Taylor, Charles A	7066	3	Sept. 16
Tatem, William H	7095	1	Nov. 23
Vaughan, Henry E	3163	5	Apr. 5
Vaughan, Joseph	7016	6	June 28
Wood, Joseph H	3105	11	Jan. 14
Wilson, A. J	3135	13	Feb. 23
Woodard, J. F	3142	15	Mar. 3
Williams, D. F	3143	11	Mar. 4
Wheeler, William L	3169	6	Apr. 9
Whitmore, Charles	3197	13	May 25
White, William W	7013	1	June 15
Walter, Charles F	7015	3	June 26
Wood, Isaac	7019	18	July 8
Wilkins, Claude	7032	7	July 24
Walsh, Bartholomew B	7042	3	Aug. 10
Wood, S. F	7059	6	Sept. 9
Wright, Thomas C	7061	17	Sept. 11
Williams, George A	7072	9	Oct. 7
Waters, James	7074	15	Oct. 11
Williams, Burfoot G	7076	4	Oct. 12
Wellman, Leonard B	7078	1	Oct. 19
Way, H. R	7087	11	Nov. 9
Wiley, H. M	7088	13	Do.
Waters, W. H	7099	7	Nov. 26
Whitington, Clement S.	9609	2	Dec. 21
First assistant engineers (ocean).			
Brooke, George W	3101	10	Jan. 5
Berger, Charles E	3160	2	Apr. 2
First assistant engineers (ocean)—Continued.			
Brennan, Thomas J	9604	6	Dec. 16
Dean, George Thomas	3148	7	Mar. 16
Dougherty, James G	3185	2	May 8
Drury, William B	7039	2	Aug. 3
Etheridge, Dennis B	9608	4	Dec. 18
Forgham, Charles B	7030	2	July 23
Mullins, Thomas	3104	12	Jan. 9
O'Brien, Joseph H	7063	1	Sept. 14
Powell, Charles H	7073	2	Oct. 8
Rheinharth, George A.	7049	7	Aug. 23
Woodward, William M.	3168	9	Apr. 8
First assistant engineers (inland).			
Betts, David H	3118	4	Jan. 28
Bernard, Emanuel	7081	7	Oct. 28
Cox, David W	3115	1	Jan. 22
Chandler, Willard S	3187	1	May 12
Denny, George W	3182	1	May 5
Gaskins, Walter W	7045	3	Aug. 14
Isacson, Chas. William	3107	1	Jan. 16
Johnson, Virginius W	7071	3	Oct. 7
Kalisher, Theodore	3159	2	Apr. 2
Kitchin, Clarence B	7062	1	Sept. 14
McCrink, Peter	3177	13	Apr. 24
Robinson, Frederick J.	7075	7	Oct. 11
Snell, William M	7040	3	Aug. 3
Thurston, Clinton E	7024	3	July 17
Thompson, Evan B	7070	4	Sept. 30
Vann, Garland H	3151	7	Mar. 23
Second assistant engineers (ocean).			
Armstrong, Wilfred S	3154	3	Mar. 29
Ainsworth, J. Vincent	9612	1	Dec. 22
Blanford, Charles W	7034	2	July 31
Casey, Charles H	7007	2	June 7
Gray, John Wilson	7012	1	June 11
Judge, Thomas J	3181	1	May 5
Kelly, Thomas P	3183	3	May 6
Maxwell, C	3131	4	Feb. 17
McBride, Martin	3138	2	Feb. 27
McClary, John Henry	9601	1	Dec. 15
Raap, Peter	3108	11	Jan. 19
Sawyer, Ira S	7100	2	Dec. 7
Smith, William T	9614	16	Dec. 28
Tighe, George	3114	9	Jan. 22
Tabb, Paul K	3178	4	Apr. 30
Watson, Thomas	7020	5	July 9
Second assistant engineers (inland).			
Bannon, Frank	7067	3	Sept. 17
Foster, Edwin	7002	13	May 28
Special engineers.			
Audas, James	1229	2	May 12
Askew, James E	1233	2	July 2
Alexander, John	1235	9	July 24
Bloodgood, A	1240	5	Sept. 14
Brown, Abram	1242	2	Oct. 7
Chesbro, Warren C	1223	1	Apr. 15
Dempsey, Limas	1227	2	Apr. 30
Davenport, Henry	1237	1	Aug. 24
Eason, Joseph	1206	9	Feb. 27
Eure, Peter R	1210	1	Mar. 8
Granger, William E	1236	1	Aug. 10
Hayes, George	1211	2	Mar. 11
Hathaway, Anthony	1222	14	Apr. 7
Holly, Thomas D., jr	1224	5	Apr. 17
Holly, Thomas D	1225	7	Apr 26
Horton, George H	1332	13	May 21
Harney, Selby Augustus	1244	3	Nov. 16

Engineers licensed—Norfolk, Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special engineers—Continued.				*Special engineers*—Continued.			
Johnson, Thomas	1213	5	Mar. 13	Riley, Thomas	1234	8	July 21
Latham, Alexander	1202	9	Feb. 9	Rodgers, W. T	1243	4	Nov. 2
Lowe, Thomas	1231	11	May 20	Spivey, Washington	1214	1	Mar. 23
Mosby, Noble T	1204	6	Feb. 12	Sanderson, James A	1218	9	Apr. 5
Mitchell, R. N	1212	5	Mar. 11	Smithson, Wealea	1246	5	Dec. 11
Mizell, M	1219	5	Apr. 7	Talley, J. S	1241	3	Sept. 25
Massey, Alfred J	1221	3	Do.	Weaver, Alphonso	1203	1	Feb. 10
McGrath, Peter	1238	1	Sept. 8	Williams, John	1205	7	Feb. 24
May, George C	1229	6	Sept. 9	Wood, Frank	1208	1	Mar. 8
McAnge, W. N	1248	5	Dec. 27	Wood, Henry G	1209	1	Do.
Raynor, Tony	1201	12	Jan. 16	Wright, Handy	1217	13	Mar. 29
Ruddick, Willis	1207	9	Mar. 3	Walke, Edgar H	1220	3	Apr. 7
Roberts, Granville	1215	10	Mar. 26	Wood, Richard E	1228	3	May 6
Roberts, Armstead	1216	13	Mar. 29	Woodard, Charles	1230	12	May 18
Runelds, Chiet	1226	5	Apr. 30	Ward, John W	1247	2	Dec. 15

LOCAL DISTRICT OF BALTIMORE, MD.

Masters licensed during the year ended December 31, 1897—Baltimore, Md.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Blake, L. L	3921	19	Jan. 19	Sparling, Frederick H	4052	1	May 22
Hunt, Frederick W	3940	2	Feb. 6	Sampson, Nicholas E	4106	6	June 23
Nickle, A. C	3988	34	Apr. 1	Schultz, Frederick	11519	10	Oct. 23
Seth, Joseph B	4017	7	May 5	Townley, Sylvester	3941	2	Feb. 8

Masters and pilots licensed during the year ended December 31, 1897—Baltimore, Md.

Atkinson, James E	4007	13	Apr. 20	Charles, James L	3991	2	Apr. 2
Anthony, Jonathan	4109	27	June 25	Clark, John A	4013	24	Apr. 30
Allen, Richard H	4111	18	June 29	Crockett, Humphrey	4015	21	May 4
Alexander, William G	4164	16	Aug. 26	Coleman, Charles O	4019	4	May 6
Anderson, William H	4188	3	Sept. 25	Chesser, Ephraim	4026	19	May 10
Almy, William C	4198	18	Oct. 2	Cooper, Thomas J	4038	24	May 14
Akers, John H	11520	17	Oct. 23	Crowell, Charles F	4055	11	May 24
Bennett, John S	3906	25	Jan. 7	Conaway, Clayton A	4059	3	May 29
Bell, George W	3951	23	Feb. 23	Curry, Edward E	4077	10	June 7
Barnes, Leakin	3955	8	Mar. 1	Craig, Alexander	4083	10	June 9
Boyd, Henry D	3985	16	Mar. 27	Cundiff, William	4084	26	June 11
Bramble, Henry T	4003	17	Apr. 13	Carpenter, John E	4092	16	June 15
Bayne, John A	4012	8	Apr. 29	Corkrin, James R	4107	19	June 24
Beacham, John A	4043	18	May 14	Clinton, Elmer E	4110	14	June 26
Burroughs, James H. M.	4045	21	May 15	Clark, William C	4114	21	July 7
Brockway, D. S	4047	16	May 18	Courtney, R. A	4126	29	July 19
Biggs, William H	4066	15	June 2	Cundiff, Albert	4141	27	July 29
Bussells, J. M	4085	1	June 11	Collison, L. S	4156	21	Aug. 18
Bailey, John F	4088	4	June 12	Carpenter, D. W	4159	3	Aug. 21
Booz, Washington B	4097	15	June 17	Chance, Theodore P	4160	23	Aug. 23
Burgess, John A	4116	20	July 8	Coursey, William T	4168	9	Aug. 28
Billups, G. W	4122	24	July 14	Collins, Alfred E	4178	22	Sept. 8
Bentley, Walter L	4125	9	July 17	Cazier, R. W	4180	9	Sept. 9
Barclay, John T	4128	8	July 19	Cade, Charles N	4187	20	Sept. 23
Bond, William J	4147	14	Aug. 9	Calk, Edward A	11503	8	Oct. 7
Brown, John H	4148	27	Do.	Chance, Levin	11506	27	Oct. 9
Byns, Stanley M	4155	24	Aug. 16	Daboll, Whitman W	3920	16	Jan. 19
Benson, William D	4167	5	Aug. 28	Duff, Harry V	3923	7	Jan. 20
Bohannon, C. E	4174	9	Sept. 6	Dulaney, Oscar R	3938	9	Feb. 5
Brown, Charles H	4197	25	Oct. 1	Dimpfel, W. O'Sullivan	3939	12	Feb. 6
Bowling, Joseph J	11531	6	Nov. 6	Delano, Joseph	3946	19	Feb. 9
Boston, R. H	11539	20	Nov. 18	Dorry, B. B	3958	12	Mar. 5
Bean, James W	11542	4	Nov. 24	Dunn, Alonzo L	3969	14	Mar. 17
Cannon, Milton B	3914	11	Jan. 11	Dunn, Richard A	4000	16	Apr. 9
Carter, William F	3952	16	Feb. 25	Dawes, George R	4056	32	May 27
Costin, James H	3954	9	Feb. 27	Dean, Russell	4076	2	June 7
Carroll, Francis A	3957	1	Mar. 3	Delaney, Edward	4078	14	June 8
Cooper, John H	3961	5	Mar. 10	Davis, S. B	4094	17	June 15
Charles, Samuel	3967	11	Mar. 15	Davis, W. L	4123	6	July 14
Carroll, William	3977	6	Mar. 22	Downey, George V	4135	8	July 23
Crowell, Kleber	3980	15	Mar. 24	Davis, William H	4136	20	July 24

Masters and pilots licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Dawes, Jerome B	4161	20	Aug. 23
Duer, Rufus A	4170	24	Aug. 30
Davis, Daniel M	11507	24	Oct. 9
Dow, Frank W	11552	3	Dec. 4
Eldridge, Walter S. H	3905	4	Jan. 5
Ellinghaus, Charles	3943	16	Feb. 9
Edgar, James W	3970	15	Mar. 18
Edmonds, Carl B	3978	7	Mar. 23
Evans, James C	3989	12	Apr. 1
Eskridge, John B	4039	20	May 14
Easter, Frank M	4075	1	June 5
Entwisle, Chas. F	4145	23	Aug. 6
Elzey, Major A	4189	11	Sept. 25
Earley, Major	4196	25	Sept. 30
Fair, Albert J	3924	22	Jan. 21
Force, Isaac P	3929	19	Jan. 25
Fooks, Stephen J	3990	22	Apr. 2
Fowler, Charles E	3997	27	Apr. 6
French, Daniel A	4072	19	June 3
Frampton, Charles W	4143	26	July 31
Fry, James C	4144	14	Aug. 2
Forrest, James P	4181	18	Sept. 10
Field, William	4195	21	Sept. 29
Foster, Lewis	11517	19	Oct. 21
Fowkes, Roy T	11523	11	Oct. 25
Foster, John C	11556	12	Dec. 7
Fuller, George H	11558	17	Dec. 10
Groves, William T	3907	13	Jan. 7
Gunby, John H	3916	10	Jan. 14
Gilkey, Joseph W	3926	1	Jan. 22
Griggs, William O	3930	18	Jan. 25
Griggs, James E	3968	25	Mar. 16
Gray, George W	3984	5	Mar. 27
Garrison, Warren G	3993	9	Apr. 3
Gunby, Joseph D	4032	19	May 12
Gillingham, Richard T.	4112	25	July 7
Gaither, John W	4117	18	July 9
Gourley, Mason W	4118	19	Do.
Gourley, James	4119	24	Do.
Geoghegan, James A	11502	7	Oct. 6
Geoghegan, William C.	11510	25	Oct. 12
Grace, John W	11541	27	Nov. 23
Hamilton, Robert T	3936	4	Jan. 30
Hall, Joseph H	3945	21	Feb. 9
Hebb, James H	3981	6	Mar. 26
Hart, Alexander W	3999	28	Apr. 6
Hardey, John T	4014	18	May 1
Howard, T. C. B	4020	10	May 7
Hastings, Richard	4029	14	May 10
Hudson, Octavius W	4041	15	May 14
Hooper, T. A	4042	7	Do.
Harrison, John T	4051	15	May 22
Hand, Seth	4061	20	May 31
Hyde, Charles H	4079	20	June 8
Hudgins, John S	4093	1	June 15
Holt, John T	4096	11	June 16
Henderson, Charles	4146	12	Aug. 7
Hurt, J. W	4154	13	Aug. 16
Hunt, William M	4157	27	Aug. 19
Hooper, Luther E	4158	22	Aug. 21
Heward, Richard	4177	16	Sept. 7
Howard, Joseph L	4194	1	Sept. 29
Holden, Henry W	11504	2	Oct. 8
Harrington, William F.	11508	10	Oct. 9
Higgins, Alfred H	11521	7	Oct. 23
Howes, Frank M	11532	25	Nov. 9
Haynie, Henry H	11533	25	Nov. 11
Hopkins, Herbert L	11535	16	Nov. 15
Hart, Arthur	11536	20	Nov. 16
Hebb, John S	11538	9	Nov. 18
Hewett, Charles	11559	1	Dec. 11
Hanson, August	11561	10	Dec 27
Insley, William G	3971	11	Mar. 18
Iler, Talbert S	11512	27	Oct. 15
Joyce, Henry S	3932	16	Jan. 26
James, Charles	3942	15	Feb. 8
Joynes, David J	3965	27	Mar. 12
Jarvis, Frank M	3994	19	Apr. 3
Jones, George W	4040	26	May 14
Jackson, Lambert W	4057	17	May 28
Johnson, C. W	4068	12	June 3
Johnson, Edward	4089	3	June 12
Johnson, Richard P	4090	15	June 14
Johnson, John	4091	13	June 15
James, Edward	4115	13	July 8
Joynes, William F	4182	10	Sept. 14
Jones, John S	4183	24	Sept. 18
Jones, S. F	11518	21	Oct. 23
Johnson, James W	11544	1	Nov. 26
Jones, Walter M	11554	6	Dec. 7
Kirby, Theodore T	3912	24	Jan. 9
Knudsen, Anders	3947	1	Feb. 12
Kersey, Matthew	3948	25	Feb. 13
Ketcham, John A	3982	17	Mar. 25
Keene, Abraham S	4021	13	May 8
Kerr, Charles R	4035	9	May 12
Kirwan, John W	4102	23	June 21
Knight, Karry	4137	14	July 24
Kirwan, John H	4163	25	Aug. 24
Kiely, James D	11505	14	Oct. 9
Kirwan, E. W	11511	26	Oct. 15
Keen, Theodore C	11526	8	Oct. 30
Kirwan, Clarence	11534	2	Nov. 12
League, Albert L	3913	13	Jan. 11
Luckett, John F	3927	15	Jan. 23
Lange, Christopher H.	3933	2	Jan. 27
Lee, William H	3986	15	Mar. 29
Lindsey, Stonewall J	4002	15	Apr. 12
Lucas, Henry W	4016	13	May 4
Leitch, Stephen D	4022	1	May 8
Lecompte, George	4024	17	May 10
Lecompte, Thomas E	4095	1	June 15
Larrimore, M. M	4098	15	June 17
Lambert, Frank	4134	18	July 22
Lewis, George C	4149	23	Aug. 10
Leonard, Edmund C	4153	25	Aug. 16
Lane, Walter G	4165	15	Aug. 26
Lewis, Thomas B	11509	8	Oct. 11
Lewis, Charles H	11550	32	Dec. 2
Madagan, John S	3903	4	Jan. 4
Moon, Iverson J	3910	10	Jan. 9
Miles, Thomas J	3919	7	Jan. 18
March, John S	3922	27	Jan. 20
Mills, John R	3931	20	Jan. 25
Moon, Robert L	3953	14	Feb. 26
Muchow, Albert	3975	13	Mar. 22
Mathaney, James T	3983	18	Mar. 26
Miller, Samuel H	3992	4	Apr. 2
Moore, John	4023	26	May 10
Mann, Thomas	4036	23	May 12
Marshall, Edward L	4037	1	Do.
Moon, Thomas O	4049	11	May 20
Mathaney, Daniel W	4067	16	June 2
Milstead, Thomas M	4069	17	June 3
McCoy, James	4121	14	July 13
Massey, Thomas H	4131	19	July 20
Mills, Alfred B	4150	26	Aug. 10
Mitchell, Thomas W	4166	17	Aug. 28
Messick, William T	4171	2	Sept. 1
Mitchener, Barton	4172	5	Sept. 2
McIntyre, George H	4179	29	Sept. 9
Mullen, Joseph H	4186	1	Sept. 22
Muir, Robert H	4190	21	Sept. 27
Mason, John A	4192	1	Do.
McConner, P. S	4080	27	June 8
Manning, William S	11514	16	Oct. 16
Masingo, John H	11516	23	Oct. 20
Montelius, John	11527	12	Nov. 3
Matthews, William W	11529	21	Nov. 4
Morris, Arthur A	11537	2	Nov. 18
Morgan, Arthur M	11551	1	Dec. 3
McLeod, John	11555	13	Dec. 7
Murphy, Robert D	11560	25	Dec. 21
Nickerson, Ziba, jr	4064	10	June 2
Norris, Joseph P	11522	8	Oct. 25
Nickle, Lewis A	11525	3	Oct. 26
Ozmon, John W	3949	30	Feb. 15
Owens, B. E	3973	27	Mar. 20
O'Neill, John R	3976	9	Mar. 22
Oram, Walter	4152	16	Aug. 12
O'Neill James	11557	22	Dec. 7
Peters, Charles	3934	20	Jan. 29

Masters and pilots licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Pearson, Lawson T	3935	23	Jan. 30	Snow, Christopher	4184	22	Sept. 21
Perkins, William W	3996	16	Apr. 3	Skinner, William J	4193	20	Sept. 28
Pertner, Charles H	4028	2	May 10	Smith, Nelson E	11515	2	Oct. 16
Putnam, Percival F	4030	7	May 11	Snyder, Edward P	11528	7	Nov. 3
Paul, George J. B	4046	14	May 18	Swart, Jerome	11530	7	Nov. 5
Phillips, Frank	4071	18	June 3	Schritz, John A	11548	25	Dec. 1
Parker, D. P. W	4087	31	June 12	Travers, Thomas K	3937	3	Feb. 1
Price, Alfred A	4127	12	July 19	Towers, Andrew T	3966	7	Mar. 12
Perry, W. H. H	4133	20	July 21	Tawes, John H	3979	6	Mar. 23
Porter, William H	4175	23	Sept. 6	Thompson, Owen A	4001	7	Apr. 12
Pate, Richard H	11545	9	Nov. 29	Thursby, John E	4005	9	Apr. 17
Petrie, Louis D	11549	10	Dec. 1	Tillack, Frank	4010	9	Apr. 26
Riehl, John H	3909	26	Jan. 9	Thomson, J. F	4018	19	May 5
Roberts, William E	3917	24	Jan. 16	Todd, Thomas L	4025	3	May 10
Reed, Richard B	3925	21	Jan. 21	Tallent, Robert L	4031	8	May 11
Robinson, Grafton D	3944	11	Feb. 9	Thomas, Wesley	4033	19	May 12
Randall, Harry S	3959	1	Mar. 8	Taylor, William J	4034	18	Do.
Reynolds, John C	3960	25	Mar. 9	Thomas, John	4053	21	May 24
Randall, E. S	3962	15	Mar. 10	Truitt, James H	4058	36	May 28
Reynolds, Jesse B	3964	2	Mar. 11	Timm, Henry	4060	6	May 31
Raynor, George A	4011	23	Apr. 28	Thompson, John R	4101	7	June 19
Ross, George W	4027	25	May 10	Treakle, William	4113	17	July 7
Roberts, John T	4065	19	June 2	Thomas, Benjamin	4124	13	July 16
Robinson, William C	4073	14	June 4	Thackery, John	4130	21	July 20
Robinson, Francis C	4103	16	June 21	Thomas, William A	4151	18	Aug. 12
Rhuark, Thomas	4132	7	July 20	Thomas, Benjamin F	4176	24	Sept. 7
Richards, Alfred A	4162	18	Aug. 23	Tydings, Lloyd A	4191	15	Sept. 27
Reed, Samuel K	4173	15	Sept. 4	Turner, John H	4199	1	Oct. 2
Rice, Griffin D	4185	19	Sept. 21	Taylor, William R	11553	23	Dec. 6
Ridley, C. W	4140	15	July 28	Vandyke, William H	3974	13	Mar. 22
Ripley, William W	11501	22	Oct. 6	Veasey, William F	4074	25	June 5
Roberts, Thomas	11513	20	Oct. 16	Wall, Joseph	3901	6	Jan. 2
Ross, Thomas C	11546	26	Nov. 29	Willis, Aumy L	3908	2	Jan. 8
Solloway, Thomas G	3902	2	Jan. 2	Woolford, Thomas H	3956	17	Mar. 2
Spence, Charles W	3904	13	Jan. 4	Woodrow, James H. B.	3972	20	Mar. 19
Svendsen, Sigvart	3911	8	Jan. 9	Wilkinson, Benjamin F.	3995	14	Apr. 3
Slemons, William	3915	8	Jan. 12	Webb, Marion D'K	4009	1	Apr. 22
Shinnick, Joseph W	3918	8	Jan. 16	Wright, Charles W	4063	16	June 1
Spedden, Robert M	3928	21	Jan. 23	Warrington, S	4081	19	June 9
Smith, Joseph T	3950	10	Feb. 18	Wilkinson, Alexander	4086	15	June 12
Stark, William H	3963	26	Mar. 11	Wilson, Samuel P	4105	11	June 23
Squires, George P	3987	10	Mar. 29	Woolford, Joseph E	4120	10	July 10
Simmons, Osborn S	3998	18	Apr. 6	Woolford, Oliver S	4129	18	July 20
Scott, James R	4008	18	Apr. 21	Wherrett, Andrew J	4139	25	July 27
Smullen, Robert H	4044	16	May 15	Wright, Charles B	4142	23	July 29
Sanner, William D	4048	9	May 19	Woodall, Howard V	4200	1	Oct. 4
Skinner, William L	4050	19	May 21	Wrightson, Hugh E	4099	15	June 19
Stone, Herbert W	4054	4	May 24	Wheeler, Robert F	11524	11	Oct. 25
Skinner, Samuel B	4070	1	June 3	White, John	11540	21	Nov. 22
Smith, L. J	4062	25	June 1	Woolford, John A	11547	9	Dec. 1
Stewart, Samuel P	4082	9	June 9	Woodall, James E	11562	21	Dec. 31
Seippel, John H	4100	7	June 19	Young, George H	4006	14	Apr. 19
Smith, Richard E	4108	25	June 25	Young, Charles A	4104	1	June 21
Smith, L. M	4138	14	July 26	Young, George	11543	14	Nov. 26
Short, R. J	4169	18	Aug. 30				

Mates licensed during the year ended December 31, 1897—Baltimore, Md.

Donw, John De P	1108	2	Mar. 31	Oneill, John	1102	2	Jan. 20
Diehl, John H	1114	1	July 13	Smith, Samuel M	1105	6	Feb. 27
Eaton, George E	1113	1	July 8				

Mates and pilots licensed during the year ended December 31, 1897—Baltimore, Md.

Battee, John C	1103	10	Feb. 15	Keough, Thomas	1119	6	Aug. 10
Carr, Cornelius	1117	1	July 21	Lewis, Robert J	1115	2	July 13
Freeman, Isaac P	1110	5	Apr. 19	McDorman, James	1118	2	July 28
Gustafsen, John Gus	1106	1	Mar. 16	Pratt, Thomas P	1101	4	Jan. 4
Hudgins, Arthur T	1104	1	Feb. 16	Roberts, Thomas	1107	5	Mar. 25
Hall, James B	1111	1	June 1	Sibley, Robert L	1109	2	Apr. 17
Herbert, Richard O	1112	4	July 6	Tyler, P. Harry	1120	2	Oct. 18
Hanson, John	1116	6	July 19				

Pilots licensed during the year ended December 31, 1897—Baltimore, Md.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Abbott, John C	1910	2	Jan. 16
Alexander, Joseph	1930	11	Mar. 9
Adams, Charles E	1957	9	Apr. 10
Airey, Samuel J	5632	16	July 19
Appeltofft, Arthur	2003	7	Nov. 17
Brown, James	1914	7	Jan. 27
Bussells, Joseph F	1921	2	Feb. 15
Black, Martin M	1922	9	Feb. 19
Bell, William E	1924	7	Feb. 26
Bohannon, Herbert A	1955	10	Apr. 9
Beale, Robert A	1971	16	May 8
Bowers, Archer B	1983	4	May 21
Brown, Hollis R	1990	2	May 26
Brewington, R. F	1997	10	May 28
Baker, James M	5607	1	June 12
Blanu, George E	5615	5	June 19
Boone, James B	5616	2	June 21
Bailey, Mathew M	5630	16	July 19
Bull, James H	5660	20	Aug. 30
Bowler, Osbald	5681	2	Oct. 9
Bertram, Robert H	2014	11	Dec. 11
Bell, John L	2018	16	Dec. 24
Courtney, Floyd A	1929	6	Feb. 11
Copper, Samuel G	1920	8	Mar. 8
Crawford, Harry D	1958	2	Apr. 13
Creighton, Augustus A	1978	1	May 15
Coleman, Warner	1995	20	May 28
Cohee, Stephen A	5602	7	June 3
Carman, L. C	5610	8	June 12
Clifton, Linwood P	5617	2	June 21
Crook, V. V	5631	6	July 19
Collins, Cyrus J	5640	2	July 22
Cook, George	5647	1	July 31
Corkrin, Reuben P	5649	5	Aug. 4
Conner, Henry F	5672	6	Sept. 20
Cannon, Herbert	5678	15	Oct. 4
Crockett, F. T	5679	19	Oct. 6
Collins, Alfred E	5694	9	Nov. 5
Cathell, James H	2005	13	Nov. 19
Corkrin, James R., jr	2008	3	Dec. 2
Cohee, B. F	2010	7	Dec. 7
Dillon, John A	1906	13	Jan. 8
Dunn, James R	1951	14	Apr. 2
Davis, A. B	1954	7	Apr. 8
Downey, J. Earl	1959	10	Apr. 13
Douglass, James B	1974	18	May 11
Drisgill, Thomas J	1988	2	May 24
Downey, Alvin	1991	11	May 26
Davis, William H	5603	5	June 4
Denty, Joseph J	5609	2	June 12
Dunn, George H	5614	17	June 19
Davis, Edward H	5637	3	July 20
Dowden, Francis P	5643	14	July 27
Davis, Z. L	5662	2	Sept. 1
De Joy, Henry E	5675	20	Sept. 21
Davis, Benjamin B	5689	19	Oct. 30
Davis, William E	5692	1	Nov. 4
Douglass, John B	5698	1	Nov. 12
Dacan, Samuel L	5700	19	Nov. 17
Davenport, Haywood	2004	17	Nov. 18
Edwards, John L	5654	9	Aug. 19
Fowler, Evelon	1939	2	Mar. 5
Fooks, William N	1943	2	Mar. 24
Fuller, Charles W	1946	9	Mar. 27
Foster, Edward B	1962	3	Apr. 20
Fowler, William A	1993	1	May 27
Foster, R. Sidney	5624	3	July 1
Fields, James D	5634	5	July 19
Funk, Charles	5685	22	Oct. 21
Freeburger, Robert E. L	5688	14	Oct. 28
Fields, Levin	2011	9	Dec. 8
Garrett, John T	1903	24	Jan. 7
Green, George V	1966	9	Apr. 27
Griffith, Franklin L	1973	6	May 11
Geoghegan, Charles M	1977	8	May 15
Grinnels, James D	5638	5	July 21
Goodman, William W	5645	3	July 29
Gibson, George W	5699	11	Nov. 16
First-class pilots—Continued.			
Hall, Spencer D	1911	3	Jan. 2
Hoddinott, W. S	1912	2	Jan. 25
Humphreys, Ocran	1928	9	Mar. 3
Handley, Guy H	1931	6	Mar. 9
Hubbard, George W	1961	6	Apr. 17
Hoffman, George W	1963	4	Apr. 22
Hughes, Joseph	5625	7	July 9
Horsman, James H	5641	2	July 23
Hurlock, M. T	5642	9	July 24
Higginson, Alfred H	5687	2	Oct. 23
Harp, Edward L	5690	16	Nov. 3
Haddaway, Milton B	5696	11	Do.
Hart, Robert Lee	2012	5	Dec. 10
Hewett, Thomas	2016	7	Dec. 13
Heinlein, John	2017	8	Dec. 17
Insley, Lewis	1970	4	May 7
Johnson, William J	1927	20	Mar. 2
Johnson, Albert S	1952	7	Apr. 6
Joiner, William T	1968	26	May 4
Johnson, Joshua	1984	10	May 22
Johnson, Christian	5613	3	June 18
Jurgens, Henry P	5626	9	July 10
Jarrett, James	5627	12	July 12
Jackson, Warren H	5665	2	Sept. 15
Jarvis, John H	2002	1	Nov. 17
Kirby, Isaac	1915	24	Jan. 29
Knight, Jacob A	1935	10	Mar. 11
Keene, John W	1959	9	Apr. 9
Keller, John	5622	7	June 28
Lang, Louis W	1905	15	Jan. 8
Lambdin, Thomas Odie	1909	10	Jan. 15
Lowe, George B	1936	8	Mar. 11
Lucas, Eugene C	1937	17	Do.
Lowe, Maurice P	1941	4	Mar. 19
Loker, Jefferson D	1953	12	Apr. 7
Lapsley, T. J	1964	10	Apr. 24
Lowe, Frank T	1982	7	May 18
Long, A. M	1989	5	May 25
Lauterbach, Henry	2000	4	June 1
Linthicum, Josiah B	5604	2	June 5
Logue, Jacob	5650	1	Aug. 5
Lewis, Samuel	5658	3	Aug. 27
Lee, James B	5670	1	Sept. 18
Lewis, Alonzo B	5673	4	Sept. 20
Loveless, John R	5683	14	Oct. 11
Libby, William	5686	27	Oct. 23
Lantz, Edward	5695	15	Nov. 9
McHorney, B. F	1925	2	Feb. 27
Montrose, Peter R	1933	2	Mar. 11
Mears, Zadoc S	1945	1	Mar. 26
McKenney, James B	1950	2	Apr. 1
McCracken, James E	1985	3	May 22
Morgan, N. V	5601	1	June 2
Marchant, Thomas J	5605	6	June 9
Mitchell, Nathaniel	5611	4	June 14
Massey, Joseph	5621	16	June 25
McLane, Louis A	5628	7	July 16
McNamee, Alexander	5648	5	Aug. 4
Mister, George A	5682	2	Oct. 9
McCready, Edward D	5693	16	Nov. 5
McCullough, Wm. J	2006	3	Nov. 24
North, George W	1940	8	Mar. 18
Napier, Arthur	1975	8	May 12
Nelson, Andrew	5639	6	July 21
Navy, George R	5667	6	Sept 17
Newman, S. William	5668	10	Do.
Norton, William H	2013	16	Dec. 10
Newnam, H. W	2019	3	Dec. 30
Outten, Isaac	1967	1	May 1
Posey, Adam	1908	8	Jan. 12
Perry, John H	1919	2	Feb. 8
Payne, William E	1938	2	Mar. 12
Pritchett, Jabez	1944	6	Mar. 24
Price, W. A	1949	7	Mar. 31
Pearson, Peter	1976	13	May 14
Powell, Samuel S	5657	15	Aug. 26
Phillips, John P	5684	13	Oct. 21
Phillips, Samuel C	5697	13	Nov. 11

Pilots licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Phillips, Vivian	2009	1	Dec. 2
Pasquith, Luther R	2015	1	Dec. 11
Railey, Charles R	1960	16	Apr. 17
Russell, Charles W	1994	23	May 27
Robison, Isaac	5612	1	June 17
Rollins, Charles A	5635	7	July 28
Robertson, William C	5653	1	Aug. 14
Reynolds, Benjamin F	5656	1	Aug. 23
Roberts, R. E	5661	18	Aug. 30
Rasin, Lotan	5666	1	Sept. 15
Russell, W. Hamer	5674	16	Sept. 20
Riehl, William H	5680	1	Oct. 9
Roberts, George P	2007	18	Nov. 24
Smith, Littleton M	1901	6	Jan. 5
Seward, George F	1902	17	Jan. 6
Shalley, Alfred	1907	19	Jan. 9
Stewart, James A	1926	14	Mar. 1
Stallings, William C	1932	16	Mar. 9
Stevenson, Robert E. C.	1934	1	Mar. 11
Sanford, James B	1965	4	Apr. 24
Smith, Samuel W	1969	7	May 5
Stiff, William H	1996	2	May 28
Spedden, Louis E	1998	7	Do.
Story, William H	5619	7	June 22
Smith, William L	5646	1	July 31
Shenton, R. C	5651	14	Aug. 6
Shay, G. T	5659	8	Aug. 30
Stewart, Sidney J	5663	7	Sept. 2
Spransey, Joseph R	5664	18	Sept. 7
Storey, John L	5669	4	Sept. 17
Spedden, Lewis E	2001	1	Nov. 17
Thompson, Hedge	1904	13	Jan. 8
Turner, Edward S. S	1916	2	Feb. 2
Thiel, Julius L	1917	7	Feb. 5
Taylor, Henry W	1972	7	May 10
Turner, James A	1979	12	May 18
Tilghman, Frank	1981	9	Do.
Tull, William L	1986	10	May 24
Todd, Silas	1992	2	May 26
Turner, Joseph W	1999	17	June 1
Tarbutton, George J	5606	11	June 12
Tull, J. Emory	5608	1	Do.
Tilghman, James R	5620	6	June 22
Tull, W. S	5633	4	July 19
Tull, Charles E	5636	8	July 20
Turner, William B	5644	6	July 29
Wheeler, John M	1913	2	Jan. 27
Weaver, George	1918	1	Feb. 6
Williams, Charles B	1923	14	Feb. 24
White, William E	1942	2	Mar. 22
Warwick, Collison L	1947	1	Mar. 27
Watts, William R	1948	26	Mar. 30
Williams, Harvey F	1980	3	May 18
Wood, David	1987	24	May 24
Wright, George W	5618	2	June 22
White, Perry S	5623	2	June 28
Wharton, Daniel L	5629	8	July 17
Wright, James T	5652	8	Aug. 7
Wilson, Henry T	5655	2	Aug. 23
Woolford, Lee B	5671	8	Sept. 18
Wilson, Charles	5676	14	Sept. 27
White, Edward	5677	31	Oct. 1
White, John J	5691	2	Nov. 4
Second-class pilots.			
Anderson, Andrew	2432	5	Mar. 12
Adams, John W	2450	21	Apr. 7
Anderson, John W	2464	1	Apr. 19
Adams, James R	2479	17	May 10
Alexander, Edward A	2492	1	May 28
Airey, James W	5940	11	July 20
Almy, Holder	5955	3	Aug. 9
Booz, Edward D	2403	11	Jan. 8
Bennett, Usher B	2414	7	Jan. 20
Baker, James C	2423	9	Feb. 23
Bartell, John B	2425	6	Feb. 24
Bussells, James E	2448	1	Apr. 2
Second-class pilots—Continued.			
Billups, William R	2477	8	May 8
Bristow, Lindsey R	2488	7	May 22
Berends, Bernard	2495	5	June 3
Benson, James H	5906	3	June 12
Beach, James H	5909	2	June 17
Baggett, George E	5911	2	June 18
Burrows, George W	5944	10	July 24
Bayton, Hansford C	5970	3	Sept. 1
Brown, Robert L	5983	3	Sept. 20
Berigtold, Charles H	5994	12	Oct. 8
Brownell, James O	2511	2	Nov. 4
Broom, Lewis E	2514	12	Nov. 8
Barton, John W	2524	5	Dec. 1
Cranmer, Heslin	2419	11	Feb. 11
Crowder, Oliver L	2467	8	Apr. 23
Chandler, Edward D	2470	8	Apr. 24
Chambers, Charles	2486	15	May 21
Crowley, Harry D	2489	1	May 22
Clason, William P	2491	1	May 27
Conner, John W	5922	6	June 28
Cumberland, Robert C	5941	12	July 20
Colburn, William C	5950	9	July 31
Calmus, August	5960	9	Aug. 17
Campbell, Kenneth	5966	29	Aug. 26
Cooper, George D	5987	3	Sept. 28
Combes, George O	5989	8	Sept. 30
Collier, G. W	2518	7	Nov. 20
Dorsey, John B	2409	6	Jan. 13
Dize, Thomas D	2413	11	Jan. 19
Dailey, Joseph	2417	4	Jan. 25
Davis, Benton C	2422	11	Feb. 18
Davis, George	2428	6	Mar. 2
Dixon, Stephen G	2430	14	Mar. 8
Dodson, Junius M	2172	1	Apr. 26
Davis, James H	2480	4	May 11
Davis, Bradford A	2481	17	May 12
Daugheny, Martin	2484	5	May 15
Dean, Charles A	5907	2	June 14
Davis, Nathan S	5958	10	Aug. 12
Davis, Ernest	2504	8	Oct. 27
Davis, James H	2510	3	Nov. 4
Evans, W. H	5943	4	July 23
Evans, Benjamin F	5995	3	Oct. 11
Freeburger, John E	2440	4	Mar. 26
Fowler, William B	2500	7	June 7
Frost, Eugene	5905	1	June 12
Files, William	5961	12	Aug. 18
Freeburger, Henry J. M	2502	7	Oct. 26
Gordon, Daniel	2401	5	Jan. 4
Gunby, Stephen C	2418	8	Jan. 26
Galloway, David O	2437	2	Mar. 22
Gould, Jesse H	2449	10	Apr. 6
Garrison, Lewis E	2474	14	Apr. 28
Geer, Edwin	5917	3	June 22
Gerhardt, A. L	5925	3	July 2
Galloway, Jacob	5938	9	July 17
George, William J	5948	5	July 30
Grinder, Joseph	5978	5	Sept. 14
Hamilton, Andrew J	2411	5	Jan. 13
Hepburn, James	2415	9	Jan. 21
Haynie, Cyrus L	2420	7	Feb. 15
Hutson, William E	2436	6	Mar. 17
Harrer, George	2459	11	Apr. 14
Hohn, Emil	2469	20	Apr. 23
Hayden, Stephen H	2475	4	Apr. 28
Harvey, William H	2493	1	May 29
Hayden, Lemuel J	2494	1	May 31
Hagerich, John A	2496	2	June 3
Harrington, Milton C	5912	6	June 18
Hicks, John H	5924	1	July 1
Holthaus, W. C	5947	8	July 28
Higgins, Robert R	5952	3	Aug. 4
Haddaway, Charles E	5968	6	Aug. 30
Howard, Edward T	5969	1	Aug. 31
Humphries, Claudius	5980	8	Sept. 17
Hart, John R	5982	1	Sept. 18
Higgins, John R. W	5985	2	Sept. 24
Heselbach, George B	5991	3	Oct. 1

Pilots licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Heath, John R	2507	3	Oct. 30
Hepburn, John T	2520	6	Nov. 23
Hudson, William H	2521	12	Nov. 29
Heinlein, John	2017	8	Dec. 17
Insley, Lewis D	2429	1	Mar. 4
Jones, B. F	2421	6	Feb. 16
Johnson, John D	2424	15	Feb. 23
Jones, William E	2478	13	May 8
Jory, William H	2506	5	Oct. 29
Jorss, A. F	2525	4	Dec. 2
Jenkins, Lewis H	2526	8	Do.
Jones, Robert J	2527	15	Dec. 3
Jorss, Leon L	2529	6	Dec. 14
Kennerly, George W	2443	10	Mar. 29
Kendrick, J. J	2447	10	Apr. 1
King, Shirley J	2490	8	May 25
Killmon, William H	2497	8	June 4
Kendrick, W. H	5904	3	June 12
Korter, Henry L	5915	8	June 21
Kirwan, John L	5932	8	July 13
Kendall, Owen C	5959	5	Aug. 17
King, John	5992	7	Oct. 4
Keen, J. R	5996	11	Oct. 12
Kolscher, Louis D	2508	15	Nov. 3
Keyser, William, jr	2523	1	Nov. 30
Loveless, George W	2402	12	Jan. 8
Lundgren, Charles	2427	6	Mar. 1
Leech, Thomas F	2439	1	Mar. 24
League, Nelson L	5908	10	June 14
Leman, George G	5910	7	June 17
Lamdin, James R	5923	1	June 30
Lord, Ernest G	5957	11	Aug. 11
Ledman, L	5974	6	Sept. 10
Loveless, G. C	5993	13	Oct. 7
Larrimore, Benjamin H	2503	4	Oct. 26
Loveless, Nathan C	2522	5	Nov. 29
Miller, Jackson	2408	5	Jan. 12
McKay, Allen	2431	2	Mar. 9
Mills, Harry	2442	17	Mar. 29
Meekins, Samuel	2451	17	Apr. 8
McNamara, A. R	2453	9	Apr. 10
Meekins, Charles R	2466	10	Apr. 20
Muir, Uriah	2473	14	Apr. 26
Myers, Albert C	2485	1	May 17
Maloney, Michael	2487	12	May 21
Milligan, Rufus H	5916	11	June 21
Marts, Samuel B	5919	1	June 24
Milligan, James E	5921	6	June 26
Mitchell, Marion	5933	4	July 14
McGinnis, Arthur M	5936	10	July 17
McCullough, Edward	5953	10	Aug. 5
McGinnis, John P	5956	1	Aug. 10
Mills, Walter A	5962	9	Aug. 21
Milligan, Washington	5976	12	Sept. 13
Mullen, Gregory	5984	8	Sept. 23
Menshaw, William C	5986	4	Sept. 25
Mariner, Frank H	5997	9	Oct. 12
Moore, William A	2509	11	Nov. 3
Muir, Walter B	2515	7	Nov. 16
Mitchell, George	2516	9	Nov. 18
Maloney, Patrick H	2530	10	Dec. 21
Marshall, John R	2531	15	Dec. 27
Nelson, Peter W	2446	1	Apr. 1
Norris, William V	2501	18	Oct. 22
Nagle, William H	2528	5	Dec. 6
Orr, William	2445	15	Mar. 29
Overton, Daniel F	5918	10	June 23
Overton, Charles S	5942	9	July 23
Phillips, Raymond W	2407	6	Jan. 11
Punch, James J	2426	3	Mar. 1
Price, George A	2454	14	Apr. 10
Second-class pilots—Continued.			
Phillips, Robert	2455	3	Apr. 12
Phillips, Robert H	2457	4	Apr. 13
Petty, Levin F	2471	14	Apr. 24
Peppler, Peter	5913	15	June 18
Polley, John F	5914	4	June 21
Pitts, William J	5929	13	July 7
Perry, John J	5946	2	July 26
Petty, Thomas C	5951	17	Aug. 4
Parsons, Levin A	5971	11	Sept. 2
Posey, Walter C	5975	4	Sept. 13
Peaster, Robert J	2505	12	Oct. 28
Riley, Henry	2410	1	Jan. 13
Randall, Samuel H	2452	10	Apr. 8
Ripley, Wesley S	2458	1	Apr. 13
Read, William	2462	13	Apr. 16
Rowles, Wesley W	2463	2	Do.
Robinson, Charles W	2482	7	May 13
Robinson, Alexander H	5903	9	June 11
Rossi, Paul	5920	18	June 26
Riehl, John H, jr	5934	5	July 16
Reinhardt, Conrad	5945	8	July 24
Ross, W. M	5949	10	July 30
Railey, Clyde	5973	2	Sept. 10
Raynor, Charles W	5988	15	Sept. 29
Robinson, David H	2517	17	Nov. 19
Read, E. Willard	2519	3	Nov. 22
Sampson, William H	2406	6	Jan. 9
Solloway, Joseph E	2476	4	Apr. 29
Spedden, Martin L	2483	15	May 15
Sewell, Samuel D	2499	1	June 5
Sterne, Edward D	5926	8	July 6
Self, Stephen	5930	6	July 9
Steurnagle, John H	5937	3	July 17
Sutton, J. R	5939	8	Do.
Simmons, Henry D	5954	13	Aug. 6
Selecman, J. T	5965	11	Aug. 25
Snyder, Samuel H	5967	4	Aug. 26
Simmons, George H	5979	11	Sept. 15
Schultz, Kendall H	2512	8	Nov. 5
Sisson, Samuel	2513	14	Do.
Thawley, Charles B	2404	4	Jan. 8
Timm, Herman	2412	9	Jan. 16
Tull, Richard H	2416	6	Jan. 22
Turner, J. T	2434	14	Mar. 15
Tawes, Lorenzo E	2435	12	Mar. 17
Talkmyer, Christian A	2460	16	Apr. 15
Taveau, A. L	5901	2	June 7
Trautfelter, Thomas	5964	10	Aug. 23
Tyler, Walter B	5990	1	Oct. 1
Thurlow, Chester	5998	16	Oct. 16
Townsend, George W	5999	10	Do.
Taylor, W. F	6000	11	Oct. 21
Valentine, Edward D	2456	1	Apr. 12
Vanneman, A. K	2465	5	Apr. 19
Woolford, Walter	2405	2	Jan. 9
Weatherly, Joseph W	2433	2	Mar. 12
Woods, Christopher	2438	5	Mar. 23
Wolf, John S	2441	6	Mar. 27
Wayman, Thomas L	2444	2	Mar. 29
Williams, Thomas B	2461	10	Apr. 16
Whelan, James	2468	12	Apr. 23
Windsor, George W	2498	14	June 5
Wheatley, William	5902	10	June 10
Ward, Samuel B	5927	4	July 6
Wareham, William H	5928	1	July 7
Woltz, George W	5931	2	July 12
Warren, John H	5935	11	July 17
Walter, Ware C	5963	1	Aug. 21
Willis, Thomas F	5972	7	Sept. 3
Woollen, William Z	5977	15	Sept. 14
Woody, James P	5981	2	Sept. 18

Joint pilots and engineers licensed during the year ended December 31, 1897—Baltimore, Md.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Block, Frank J	653	1	Mar. 18	Kirk, W. W	670	3	June 23
Bowman, Ziba F	658	1	Apr. 28	Knowlton, Dallas	672	3	July 7
Boyd, Francis J	659	1	May 1	Leary, Elmer E	660	5	May 24
Bryant, Amos S	669	1	June 19	Leary, George E	661	5	Do.
Chandlee, George H	651	2	Jan. 13	Layman, Alfred C	679	1	Sept. 22
Chambers, Benjamin	668	6	June 15	Mallory, J. D	673	1	July 9
Carswell, Robert S	671	1	June 26	Oltmanns, William	677	2	Aug. 25
Collins, Walter S	678	1	Sept. 17	Purner, Clinton W	657	6	Apr. 21
Dalrymple, George H	656	3	Apr. 13	Roddy, Thomas	652	1	Mar. 11
Diehl, George C	665	3	June 1	Reh, Fred. R. W	663	5	May 27
Fallion, C F	674	5	July 30	Rowe, George M	682	1	Nov. 30
Filfillan, ——	680	5	Oct. 4	Satterfield, Lawrence	662	1	May 25
Hare, James E	654	4	Mar. 24	Schleucher, William J	675	1	Aug. 21
Harman, George R	655	1	Do.	Scharfe, Charles	676	2	Aug. 23
Johnson, Robert H	667	1	June 15	Taylor, O. T	664	1	May 29
Jeffers, Herman	681	3	Oct. 12	Wallace, William M	666	4	June 9

Engineers licensed during the year ended December 31, 1897—Baltimore, Md.

Chief engineers (ocean).				*Chief engineers (ocean) —Continued.*			
Allen, Edward G	4594	5	Mar. 13	Graham, Henry A	4838	7	Aug. 9
Archambault, Chas. V.	4647	14	Apr. 21	Grieve, Thomas	4858	10	Aug. 24
Azema, Charles M	4993	14	Dec. 2	Hall, Armstrong	4514	24	Jan. 6
Blizzard, John R	4521	34	Jan. 11	Hubbard, William T	4516	9	Jan. 7
Brooks, Charles W	4549	16	Feb. 9	Haynie, William H	4554	8	Feb. 11
Busch, William H	4571	33	Feb. 22	Hynes, Robert P	4560	8	Feb. 15
Barrows, Peter	4588	4	Mar. 8	Hughes, John	4621	7	Aug. 2
Bell, J. F	4597	20	Mar. 15	Hacker, John	4637	29	Apr. 10
Bleasdale, John	4641	5	Apr. 19	Hill, Charles H	4671	31	May 7
Beek, William	4719	19	May 28	Hudson, John L	4717	45	May 28
Batty, J. Frank	4722	9	May 29	Henderson, J. Edward	4748	16	June 11
Blizzard, George W	4726	37	June 1	Hall, Thomas T	4869	12	Sept. 7
Bailey, Charles W	4729	35	June 3	Hopper, Horace M	4991	20	Nov. 30
Bisson, William	4787	8	July 9	Holland, Robert	5008	9	Dec. 13
Bunnell, Caleb	4802	22	July 15	Higgins, James H	5015	20	Dec. 15
Banks, John W	4804	2	July 16	Jones, Robert H	4742	3	June 9
Beck, Charles	4821	2	July 24	James, Edward L	4747	6	June 11
Bell, Marion	4839	21	Aug. 9	Jewell, William E	4824	8	June 26
Blankenship, George	4874	20	Sept. 9	Jones, Charles R	4893	20	Sept. 20
Boyd, J. L	4900	4	July 27	Jory, Joseph H	4967	25	Nov. 12
Benner, Ferdinand C	4924	16	Oct. 9	Jefferson, Thomas	4974	11	Nov. 15
Boettger, Otto W	4929	3	Oct. 15	Kennard, John R	4536	28	Jan. 25
Bitters, James W	4944	25	Oct. 29	Kennard, George W	4615	29	Mar. 30
Butler, J. Thomas	4948	8	Nov. 3	Kirk, John	4618	13	Apr. 1
Brown, William W	4956	7	Nov. 9	Kershaw, John	5011	12	Dec. 13
Brudvik, Nils	5027	2	Dec. 28	Lee, William J	4523	20	Jan. 14
Connoway, Nathan M	4535	17	Jan. 23	Luke, William F	4579	9	Feb. 27
Culver, Charles B	4617	14	Mar. 30	Lumberson, E. L	4580	31	Do.
Campbell, Bernard	4643	19	Apr. 20	Lindgren, Charles	4863	8	Aug. 30
Coy, John H	4655	20	Apr. 26	Lawrence, George	4890	17	Sept. 17
Carr, John J	4664	9	May 4	Mittendorf, J. H	4517	8	Jan. 7
Curry, Charles	4837	3	Aug. 9	McGuigan, John J	4667	16	May 5
Catrup, William B	4857	25	Aug. 24	Murray, Elijah	4682	7	May 11
Clark, J. P	4941	37	Oct. 28	Moore, William A	4707	23	May 22
Cook, Charles W	4989	19	Nov. 29	Moran, R. T	4759	34	June 18
Diver, William	4555	6	Feb. 13	McKay, Ebenezer	4812	7	July 20
Davis, Benton C	4569	34	Feb. 18	Morris, Fred B	4966	6	Nov. 12
Daneker, David H	4645	13	Apr. 20	Marshall, James R	5025	24	Dec. 21
Dewalt, William H	4691	19	May 15	Neenan, Jeremiah	4724	17	June 1
Dear, John T	4788	28	July 10	Oliver, John	4566	3	Feb. 16
Dougherty, Daniel	4848	12	Aug. 16	Odonnell, William	4943	28	Oct. 29
Dougherty, Daniel	4877	1	Sept. 9	Piquett, William F	4710	15	May 24
Doyle, M. Joseph	4879	22	Sept. 11	Poole, Charles	4776	6	June 30
Duggan, John	4882	1	Sept. 13	Piquett, W. T	4842	32	Aug. 10
Disney, F. P	4896	9	Sept. 22	Price, William P	4886	23	Sept. 15
Ellinguaus, Nicholas	4623	5	Apr. 3	Pratt, James W	4992	27	Nov. 30
Eberhart, Charles W	4754	6	June 15	Riehl, Charles F	4506	8	Jan. 4
Ely, Harry	4845	4	Aug. 13	Robinson, Foreadus A	4550	31	Feb. 10
Frazier, Charles E	4539	24	Jan. 28	Rudolph, Harman	4583	17	Mar. 3
Forrest, John W	4749	21	June 12	Reville, Joseph O	4584	16	Do.
Fitzgerald, William F	4825	34	July 28	Rauch, Josias S	4585	7	Mar. 5
Fairbank, William F	4930	9	Oct. 15	Reeder, Charles H	4625	20	Apr. 5
Graff, John E	4604	2	Mar. 18	Rudolph, Martin	4718	36	May 28
Goldsborough, John T.	4709	39	May 24	Rush, William	4795	17	July 13
Gardner, John A	4820	19	July 23	Roach, Edward	4796	26	Do.

Engineers licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Riehl, James L	4909	16	Sept. 30
Reynolds, James	4976	26	Nov. 16
Redmond, John	5014	33	Dec. 15
Sherwood, John R	4501	9	Jan. 4
Senior, Harry	4548	8	Feb. 8
Sheffer, William	4600	30	Mar. 16
Smith, Richard B	4635	14	Apr. 8
Sprague, George H	4649	32	Apr. 22
Sheldon, Robert	4752	22	June 14
Schiller, F. W	4807	24	July 19
Saunders, William F	4817	3	July 22
Sherwood, John P	4925	20	Oct. 12
Simering, William F	4940	30	Oct. 23
Stewart, William	4951	35	Nov. 6
Spamer, Henry E	4965	18	Nov. 12
Sasse, Francis	4003	2	Dec. 10
Taylor, James H	4581	9	Mar. 1
Thursby, William T	4631	18	Apr. 7
Terry, John P	4681	3	May 11
Telford, John H	4685	5	May 12
Turner, William B	4810	30	July 20
Thornton, Thomas	4875	30	Sept. 9
Tennesson, Thomas T	4960	21	Nov. 10
Thompson, Wallace	4969	3	Nov. 13
Thompson, Otis P	5010	11	Dec. 13
Vogt, Lewis H	4778	32	July 1
Wright, Charles E	4518	8	Jan. 8
Walters, John F	4570	3	Feb. 20
White, Edwin F	4611	14	Mar. 27
Wells, Robert	4626	12	Apr. 6
Weems, Edwin D	4628	39	Do.
White, William W	4672	35	May 7
Woodland, Wesley	4738	27	June 8
Willis, Joseph M	4784	7	July 6
Wilson, William H	4798	18	July 14
Walter, J. G	4803	19	July 16
Walker, Leonard	4962	32	Nov. 11
Wyatt, Lemuel C	4979	18	Nov. 20
Woodward, Marcellus	4984	31	Nov. 24
Young, John M	4901	21	Sept. 27
Chief engineers (inland).			
Adams, James B	4525	29	Jan. 15
Atwell, Samuel P	4551	19	Feb. 11
Aburn, Charles H	4654	14	Apr. 26
Adams, John H	4779	17	July 2
Adams, George E	4762	7	June 19
Akers, Edward	4792	7	July 12
Adams, Joseph W	4912	20	Oct. 5
Adams, Marian F	4913	5	Do.
Andrews, Thomas N	4975	17	Nov. 16
Burckhead, Charles A	4502	7	Jan. 2
Block, Henry	4515	30	Jan. 6
Burnett, Joseph	4519	15	Jan. 9
Byus, John	4520	15	Do.
Brannan, Thomas	4526	15	Jan. 16
Brown, John M	4556	9	Feb. 13
Benson, William F	4562	10	Feb. 15
Bolton, William H	4564	22	Do.
Bontz, William	4573	15	Feb. 23
Brady, Joseph P	4589	14	Mar. 9
Beacham, William F	4599	8	Mar. 16
Bennett, Frank T	4607	9	Mar. 25
Beckett, John M	4620	21	Apr. 1
Beal, Charles B	4624	18	Apr. 5
Brown, Henry	4630	17	Apr. 7
Boyd, John	4634	13	Apr. 8
Bell, William A	4642	13	Apr. 19
Blankenship, Daniel W	4644	11	Apr. 20
Bird, William G	4661	10	Apr. 30
Bristow, John W	4665	22	May 4
Becker, Henry	4673	9	May 7
Burnett, Thomas A	4689	5	May 13
Ballinger, H. W	4692	15	May 15
Booze, Washington B	4756	11	June 17
Barlow, Joseph	4780	8	July 2
Chief engineers (inland)—Continued.			
Brattan, James H	4799	28	July 15
Borem, R	4783	16	July 6
Baker, W. B	4805	3	July 17
Benson, Thomas J	4830	21	Aug. 2
Benson, B. F	4836	8	Aug. 7
Brown, Robert L	4847	8	Aug. 14
Bailey, J. E	4855	1	Aug. 21
Bushey, P. H	4859	26	Aug. 24
Brown, William R	4860	13	Aug. 25
Buskirk, Thomas J	4894	25	Sept. 21
Brockway, Daniel S	4923	13	Oct. 9
Blakeslee, George H	4934	12	Oct. 18
Brown, John J	4987	15	Nov. 27
Butler, Thomas M	4990	26	Nov. 30
Burger, John N	5012	16	Dec. 14
Bristow, David W	5022	22	Dec. 20
Bramble, James H	5023	2	Do.
Baggett, William H	5026	19	Dec. 22
Crossmore, W. R. O	4510	5	Jan. 4
Coyle, Frederick	4587	1	Mar. 8
Cavender, Anthony R	4603	3	Mar. 18
Conway, John E	4606	9	Mar. 23
Cole, Martin	4633	17	Apr. 8
Clark, Jasper W	4640	3	Apr. 14
Collins, Thomas E	4660	29	Apr. 30
Connoway, Joseph B	4662	8	May 1
Cohee, George W	4700	21	May 20
Crawford, John	4720	16	May 29
Cullen, John H	4763	19	June 19
Cain, J. J	4768	15	June 30
Collier, James F	4793	21	July 12
Carr, Robert E	4750	11	June 12
Conner, Daniel A	4891	16	Sept. 18
Connolly, John T	4935	18	Oct. 20
Christian, Wash. R	4946	13	Nov. 3
Chinn, James	5959	21	Nov. 10
Comegys, William W	4980	8	Nov. 20
Cowen, Franklin	4997	2	Dec. 4
Cook, John	5009	16	Dec. 13
Cook, William B	5013	1	Dec. 14
Dyer, James W	4504	13	Jan. 4
Dohler, Jacob W	4574	9	Feb. 24
Dull, George O	4577	16	Feb. 25
Daugheney, Thomas	4586	3	Mar. 5
Derrickson, John	4612	6	Mar. 27
Dashiell, Frank J	4646	21	Apr. 20
Dohler, William J	4653	10	Apr. 24
Dunn, George M	4656	2	Apr. 27
Dagges, James	4663	20	May 3
Doyle, Lawrence	4683	17	May 12
Davis, Henry C	4701	16	May 20
Day, Ira C	4744	14	June 10
Davis, James A	4806	30	July 17
Dear, Albert M	4811	17	July 20
Dewalt, John C	4822	27	July 24
Day, Isaac F	4861	21	Aug. 28
Diviney, John	4916	1	Oct. 6
Dugan, Michael	4938	14	Oct. 23
Doyle, Edward	4953	17	Nov. 9
Drager, Theodore	4977	6	Nov. 18
Edds, John T	4524	15	Jan. 14
English, Samuel	4546	22	Feb. 6
Edwards, Marcellus D	4657	22	Apr. 27
Efford, George W	4658	15	Do.
Ellinghans, William	4789	17	July 10
Epron, Thomas	4800	17	July 15
Evans, Theodore E	4926	2	Oct. 12
Earl, H. L	4963	17	Nov. 11
Foley, Beverley R	4513	6	Jan. 6
Fleischman, John	4534	8	Jan. 23
Fantroy, Chapman	4559	13	Feb. 13
Fulton, William	4598	17	Mar. 15
Fitzgerald, Wm. F	4711	1	May 24
Foster, James W	4727	2	June 1
Ford, Charles E	4733	25	June 4
Funk, John	4772	19	June 26
Funk, William G	4775	8	June 29
Foreman, James T	4797	21	July 13

Engineers licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Fox, Joseph	4801	19	July 15
Fowler, James S	4850	16	Aug. 17
Foote, George A	4851	23	Do.
Fortner, Nathan	4898	24	Sept. 24
Funk, Charles W	4907	25	Sept. 30
Fleischman, Philip F	4919	6	Oct. 9
Forrest, George W	4927	34	Oct. 14
Farrell, James	4949	7	Nov. 4
Ford, Martin	4958	31	Nov. 10
Farmer, John E	4999	12	Dec. 6
Groves, William T	4537	13	Jan. 25
Grigsby, R. E. L	4601	13	Mar. 16
Gaventa, Ignaz	4622	4	Apr. 2
Gardner, James	4674	9	May 10
Green, James C	4675	13	Do.
Gordon, M. M	4695	2	May 18
Grouling, George	4702	19	May 20
George, John W	4731	19	June 3
Griefzü, Charles F	4764	13	June 19
Greaves, James	4813	12	July 20
Garrison, William L	4856	17	Aug. 23
Grimm, John	4876	1	Sept. 9
Germond, E. L	4970	18	Nov. 13
Geyer, William H	5001	12	Dec. 9
Griffen, James W	5016	20	Dec. 16
Harp, Nicholas S	4511	12	Jan. 4
Hart, Lewis	4553	1	Feb. 11
Hurley, William H	4561	15	Feb. 15
Hartley, John T	4608	12	Mar. 27
Hicks, Thomas H	4613	24	Mar. 29
Hurley, George	4619	22	Apr. 1
Harris, Joseph	4636	6	Apr. 10
Hutson, Isaac J	4650	8	Apr. 22
Hohn, William H	4652	17	Apr. 23
Hyman, William H	4694	9	May 17
Hilton, A. L	4706	16	May 22
Hayden, William B	4721	8	May 29
Higgins, William T	4723	26	May 31
Hill, S. B	4734	25	June 4
Hall, David E	4735	29	June 5
Hopkins, John J	4760	16	June 18
Horr, William, jr	4765	12	June 21
Holden, Robert L	4794	6	July 12
Hutson, James E	4823	25	July 26
Higgins, James H., jr	4829	2	July 31
Hudson, John L., jr	4834	20	Aug. 5
Hilseberg, John C	4865	8	Sept. 1
Henry, William F	4870	23	Sept. 8
Higgins, Bernard	4880	8	Sept. 11
Hancock, Charles M	4885	6	Sept. 14
Horris, Richard	4914	10	Oct. 5
Hudson, Calvin T	4986	17	Nov. 26
Irwin, Martin L	4558	4	Feb. 13
Inloes, Joseph	4591	7	Mar. 10
Irwin, Martin L., jr	4844	1	Aug. 12
Jeffries, James E	4568	7	Feb. 18
Johnson, Samuel C	4714	19	May 26
Jones, E. T. R	4716	1	May 27
Johnson, William H	4728	5	June 2
Jefferson, William A	4730	1	June 3
Joyner, William T	4758	1	June 17
Joline, Wm. H	4766	17	June 23
Jewell, Samuel A	4889	11	Sept. 16
Jones, Uriah	4902	19	Sept. 28
Jordan, E. H	4904	7	Sept. 29
Jory, John S	4971	22	Nov. 13
Knox, Richard T	4529	14	Jan. 21
Kirwan, John	4538	15	Jan. 27
Kersey, Charles T	4593	28	Mar. 11
Kaupp, Martin J	4627	9	Apr. 6
Kelley, Hugh L	4684	6	May 12
Kidwell, Charles H	4686	11	May 13
Kelley, John W	4687	15	Do.
Keys, Nicholas J	4703	4	May 20
Klages, Charles A	4715	23	May 27
Kehoe, Edward	4737	16	June 7
Kehoe, John	4769	20	June 23
King, Archibald	4785	23	July 7
Chief engineers (inland)—Continued.			
Kersey, Wm. Booth	4867	4	Sept. 2
Kane, W. James	4905	3	Sept. 29
Kuehne, Robert	4906	6	Sept. 30
Kemp, James T	4937	14	Oct. 21
Kline, Peter	4939	10	Oct. 23
Keane, William	4964	4	Nov. 12
Korter, Charles	5017	6	Dec. 16
Kennard, Albert	5018	15	Do.
Lefevre, William H	4527	7	Jan. 16
Lowe, George F	4563	8	Feb. 15
Longworth, Ernest E	4572	2	Feb. 23
Lecompte, J. J	4605	15	Mar. 20
Lipscomb, James T	4699	7	Mar. 27
Lamon, Joseph H	4632	13	Apr. 7
Lawson, John E	4668	19	May 5
Linsenmyer, George J	4790	5	July 10
Lambdin, L. W	4846	27	Aug. 14
League, John J	4854	13	Aug. 21
Lawrence, Alexander	4866	2	Sept. 2
Lewis, Edward A	4908	9	Sept. 30
Lewis, Charles W	5000	11	Dec. 7
Mills, James B	4503	15	Jan. 2
Marden, M. M	4512	8	Jan. 6
Manser, Frederick	4522	1	Jan. 13
McLane, Wm. H	4530	17	Jan. 22
Myer, Lambert	4533	23	Jan. 23
Morgan, Charles E	4542	23	Feb. 4
Merry, Isaac J	4543	22	Do.
Merriken, Jacob	4575	26	Feb. 25
McGoldrick, John J	4582	7	Mar. 2
Mills, Harry	4590	27	Mar. 10
Mackin, Andrew J	4596	9	Mar. 13
Massey, George W	4614	12	Mar. 29
Moore, Everett D	4659	15	Apr. 29
Miller, Henry	4666	15	May 5
Maloney, William	4678	32	May 10
McLenahan, Robert J	4680	25	May 11
Mitchell, Walter	4693	2	May 17
Menshaw, Thomas	4696	9	May 18
Marks, William W	4699	15	May 19
McCoy, Alexander	4705	23	May 21
Murray, James	4713	23	May 26
Moog, Charles F	4746	7	June 11
Montgomery, Henry P	4751	9	June 12
McCullough, Allen	4753	6	June 15
McGee, Harry L	4767	12	June 23
Murray, James H	4786	15	July 9
Mitchell, John	4809	26	July 20
Marshall, William T	4816	26	July 22
Moran, John A	4818	18	July 23
Monroe, John E	4828	7	July 31
Moquin, John J	4833	6	Aug. 5
Moran, Joseph A	4835	22	Aug. 7
Myers, Albert C	4840	6	Aug. 10
McSorley, John J	4878	6	Sept. 10
Mitchell, Luther S	4899	26	Sept. 25
McCready, Samuel E	4903	7	Sept. 29
Moreland, Harry	4920	9	Oct. 9
McCoy, John	4954	12	Nov. 9
Myers, Henry	4961	23	Nov. 11
Mitchell, Thomas H	4973	1	Nov. 13
Messick, Garrett P	4982	7	Nov. 23
Mitchell, Thomas W	4985	8	Nov. 24
Milligan, Charles E	4994	1	Dec. 2
Mitchell, Samuel	4998	29	Dec. 6
Mitchell, William	5007	18	Dec. 11
Nunnally, Columbus	4567	17	Feb. 18
Nolan, John C	4629	8	Apr. 7
Niedomanski, George G.	4736	6	June 5
Nash, James R	4831	25	Aug. 2
Noland, James E	4852	10	Aug. 18
Noland, P	4864	14	Aug. 31
Neale, Francis D	4892	2	Sept. 18
Nunnally, C. D	4952	18	Nov. 6
Nash, Joseph E	5005	8	Dec. 11
Nagle, H. E	5020	5	Dec. 17
Otto, Henry	4648	1	Apr. 22
Olsen, Hans Jacob	4669	3	May 5

Engineers licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Odonnell, Andrew	4704	13	May 21
Odonnell, T. P	4732	19	June 3
Pennington, John J	4507	7	Jan. 4
Peirce, James N	4541	14	Feb. 1
Posey, James H	4544	14	Feb. 4
Perry, Thomas E	4595	6	Mar. 13
Porter, Arthur O	4602	1	Mar. 17
Pryor, Edward	4679	2	May 10
Prettyman, Daniel	4741	7	June 8
Passeno, Frank	4770	14	June 25
Parsons, Marion S	4921	9	Oct. 9
Pindar, Chester	4932	33	Oct. 16
Price, John B	4947	15	Nov. 3
Powell, John S	4995	1	Dec. 2
Pease, John H	5024	18	Dec. 21
Robinson, Charles W	4545	8	Feb. 5
Ratcliff, Taylor	4565	4	Feb. 16
Redman, John	4576	11	Feb. 25
Rice, P. W	4592	3	Mar. 10
Rennart, Jacob	4610	13	Mar. 27
Robinson, Milford N	4677	2	May 10
Rudolph, Martin, jr	4697	8	May 19
Reynolds, A. B	4708	29	May 24
Reed, Thomas M	4745	3	June 10
Roberts, Alonzo C	4781	20	July 3
Redmond, J. T	4808	9	July 19
Roth, Charles	4814	17	July 21
Ripperger, Conrad	4897	18	Sept. 22
Rodgers, John	4911	13	Oct. 2
Ryder, David J	4915	18	Oct. 6
Robinson, William H	4917	34	Do.
Ross, John W	4945	6	Nov. 1
Roddy, Thomas	5019	3	Dec. 17
Stevenson, Samuel	4508	17	Jan. 4
Smoot, Lewis M	4509	15	Do.
Saddler, Thomas F	4531	15	Jan. 22
Sprague, James M	4547	24	Feb. 6
Stump, T. B. C	4638	11	Apr. 10
Seemer, William	4639	9	Apr. 13
Sherwood, George H	4688	1	May 13
Scramling, Fred	4712	3	May 25
Speeler, William H	4740	11	June 8
Sterne, E. D	4743	2	June 9
Stanton, Richard	4761	3	June 18
Simmons, N. R	4773	19	June 26
Shroder, Herman C	4774	6	June 28
Shisa, William L	4777	6	June 30
Spencer, Mason G	4782	16	July 5
Start, John A	4815	2	July 21
Swan, John B	4819	8	July 23
Stewart, William E	4862	6	July 30
Smith, George A	4868	7	Sept. 3
Settan, Herman	4884	13	Sept. 14
Spencer, Albert D	4919	37	Oct. 8
Shackelford, Edgar	4928	11	Oct. 14
Stewart, John A	4942	15	Oct. 28
Sanner, Samuel	4978	8	Nov. 19
Stutt, John H	4996	7	Dec. 4
Short, William	5002	26	Dec. 10
Spamer, William	5006	27	Dec. 11
Spedden, M. L	5021	7	Dec. 18
Titter, George B	4505	8	Jan. 4
Tydings, M. F	4540	7	Jan. 30
Thomas, William H	4552	7	Feb. 11
Titter, Harry R	4578	7	Feb. 27
Titter, Edward L	4651	4	Apr. 23
Tomlinson, G. W	4676	25	May 10
Thomas, James H	4739	19	June 8
Thomas, John B	4755	11	June 16
Thompson, William S	4791	27	July 10
Tolson, Howard L	4892	7	Aug. 2
Thompson, C. L	4843	26	Aug. 12
Tapman, John T	4871	18	Sept. 9
Tweedale, William	4881	19	Sept. 13
Tittle, J. E	4888	16	Sept. 16
Twiford, John H	4910	15	Oct. 2
Tyler, John	4936	21	Oct. 20
Thomas, William B	4950	19	Nov. 5
Chief engineers (inland)—Continued.			
Thomas, Charles A	4957	17	Nov. 10
Thumlert, Peter H	4968	17	Nov. 13
Thornton, William H	4983	19	Nov. 23
Thomas, William H	4988	9	Nov. 27
Vogelgesang, John	4532	12	Jan. 23
Veen, Charles	4887	7	Sept. 16
Walker, Francis	4528	22	Jan. 19
Whiteford, George W	4557	5	Feb. 13
Webster, James R	4690	24	May 14
Wright, Joseph M	4698	7	May 19
Wilson, George B	4725	8	June 1
Warnefeld, J. Charles	4757	9	June 17
Whitney, John D	4771	19	June 25
Walker, Harry P	4826	8	July 28
Wortche, Henry	4827	5	July 29
Williams, J. L	4841	8	Aug. 10
Watts, John A	4853	26	Aug. 19
Wilkins, James A	4872	5	Sept. 9
Webster, Daniel	4873	25	Do.
Wilkinson, Samuel G	4883	16	Sept. 14
Wright, Clarence E	4895	17	Sept. 22
Webb, George W	4922	16	Oct. 9
Woolsey, R. C	4931	27	Oct. 15
Waldron, George E	4955	24	Nov. 9
White, Robert H	4972	14	Nov. 13
Wilcox, Ezra N	4981	6	Nov. 22
Wilson, Charles L	5004	9	Dec. 11
Young, Elmer	4849	14	Aug. 17
Young, Thomas J	4933	26	Oct. 18
Zeidler, Joseph	4616	15	Mar. 30
Zollinger, Henry W	4670	1	May 6
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Allen, Harry E	3322	3	July 24
Anthony, William C	3323	5	July 27
Adams, William L	3366	7	Sept. 20
Barrows, George	3201	1	Jan. 2
Burton, Robert J	3229	5	Mar. 8
Bowers, Henry V	3234	4	Mar. 16
Bristow, William H	3251	7	Apr. 5
Blackwire, Patrick	3296	15	June 19
Butler, George E	3352	2	Sept. 7
Bannister, R. E	7201	15	Dec. 1
Chesser, Andrew	3263	11	Apr. 27
Cook, William J	3282	4	June 4
Caulford, Thomas	3354	1	Sept. 9
Cumberland, Robert C	3368	8	Sept. 22
Davis, Milton E	3208	4	Jan. 16
Davis, Jerome F	3350	9	Sept. 3
Elzey, Job R	3214	2	Feb. 10
Edmunds, Page, jr	3253	3	Apr. 8
Foley, Beauregard	3240	4	Mar. 23
Henry, Washington	3297	21	June 21
Hickerson, John W	3329	13	Aug. 6
Heinau, August	3337	6	Aug. 20
Jones, Edgar A	3270	4	May 14
Johnson, William	3317	4	July 20
Kreutzer, William H	3246	2	Mar. 29
Kellner, John	3356	11	Sept. 11
Kidwell, Walter A	3360	2	Sept. 14
Kincaid, Joel H	3399	8	Nov. 23
Lee, Peter	3247	10	Mar. 30
Ledman, Francis C	3379	2	Oct. 11
Meekins, Milton W	3257	4	Apr. 17
Morris, Voss	3262	2	Apr. 24
Madison, James A	3273	16	May 19
Morton, Parker	3294	14	June 19
Mills, William L	3369	5	Sept. 22
Mothershead, Vallie	3376	7	Oct. 7
Miller, George R	3394	1	Nov. 12
Nalls, George R	3362	1	Sept. 16
Peppler, Harry A	3241	3	Mar. 24
Pines, Henry	3243	3	Mar. 26
Peppler, Peter	3293	8	June 18

Engineers licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Peltons, Clifton C	3343	6	Aug. 27
Parks, William G	3395	2	Nov. 13
Robey, John R	3223	6	Feb. 27
Ratcliff, William H	3242	2	Mar. 25
Reynolds, Gilbert W	3286	12	June 9
Selecman, B. W	3202	7	Jan. 4
Sherman, Charles E	3278	12	May 28
Turner, Joseph W	3205	8	Jan. 9
Turwy, John H	3233	11	Mar. 13
Weast, James P	3213	4	Feb. 8
Wood, Charles E	3215	13	Feb. 11
Wortz, Lewis V	3330	6	Aug. 10
Whipple, John, jr	3398	2	Nov. 22
First assistant engineers (ocean).			
Appold, Wilbert B	3380	3	Oct. 13
Aylmer, Richard W	7202	5	Dec. 2
Bright, J. L	3207	11	Jan. 13
Bryan, Thomas J	3361	13	Sept. 15
Clark, John E	3393	12	Nov. 11
Dodson, Andrew J	3347	17	Aug. 31
Ely, Ulysses G	3248	6	Mar. 31
Ellis, William T	3310	2	July 14
Gardner, Wilson J	3373	8	Oct. 4
Humphreys, William	3250	9	Apr. 2
Lucas, James B	3258	6	Apr. 19
Musick, Daniel	2221	4	Feb. 22
Murray, William	3335	2	Aug. 18
McCrink, Thomas F	3340	8	Aug. 24
Maccoun, Robert C	3375	3	Oct. 7
Price, Peter J	3219	18	Feb. 17
Rodgers, Charles A	3314	6	July 17
Roberts, Thomas S	3359	14	Sept. 13
Rudolph, Lawrence	3391	5	Nov. 6
Sullivan, John	3383	1	Oct. 19
Thornton, R. L	3355	9	Sept. 10
Turner, John F	3392	13	Nov. 9
Weisman, Frederick F.	7210	2	Dec. 11
First assistant engineers (inland).			
Benson, John M	3292	14	June 17
Benner, Albert J	3357	12	Sept. 11
Bundscha, Harry A	3371	4	Sept. 28
Cassell, John S	3267	13	May 10
Cochran, Edward	3288	7	June 11
Craig, James	7209	2	Dec. 11
Donoho, Carlton	3351	4	Sept. 4
Griffith, Thomas G	3211	2	Feb. 3
Glover, William F	3289	5	June 14
Gallaher, Wm. H	3336	6	Aug. 20
Hall, Samuel J	3217	8	Feb. 13
Hite, John Milton	3365	10	Sept. 20
Hardester, Jno. T	3374	18	Oct. 5
Harvey, William F	3400	4	Nov. 26
Jones, William H	3228	5	Mar. 6
Keehan, C. P	3269	6	May 10
Lecompte, Joseph W	3204	2	Jan. 4
Lawrence, George J	3212	6	Feb. 8
Lawrence, Richard	3218	3	Feb. 13
Lusby, John T	3259	6	Apr. 20
Lawrence, G. W	3382	16	Oct. 18
Myers, Samuel D	3266	3	May 6
Moran, R. T., jr	3275	4	May 21
Murphy, Richard	3291	5	June 16
Matthews, William T	3321	14	July 24
Moore, Joseph J	3339	17	Aug. 21
Nelson, Frederick L	3338	1	Do.
Payne, W. A	3252	1	Apr. 5
Paulus, J. E	3279	13	June 1
Rudolph, Harry	3237	6	Mar. 22
Stoutenberg, James D	3230	13	Mar. 11
Schriver, Christian	3287	2	June 10
First assistant engineers (inland)—Continued.			
Sanderman, Henry	3228	11	Aug. 3
Shenton, J. F	3358	8	Sept. 11
Smith, Charles H	3363	15	Sept. 16
Tittle, George T	3268	16	May 10
Washington, Charles	3230	19	Mar. 22
Wilson, Samuel P	3299	10	June 23
Whitehurst, William F.	3306	2	July 10
Young, George B	3311	1	July 15
Second assistant engineers (ocean).			
Boulden, William	3226	4	Mar. 5
Berry, James E	3312	1	July 15
Dempsey, Thomas	3216	15	Feb. 12
Davidson, John	3313	2	July 16
Dougherty, Daniel	3316	11	July 20
Foote, Frank J	3213	12	Jan. 4
Francis, David E	3290	2	June 15
Fryer, Robert A	7205	1	Dec. 3
Gambrill, Charles E	3307	4	July 10
Gerting, Fred W	3377	1	Oct. 7
Johnson, John T	3332	1	Aug. 12
Krug, William F	3283	5	June 5
Laverty, John	3222	4	Feb. 26
Lange, Robert	3255	2	Apr. 14
Larkin, John	3303	7	June 28
Lowe, William	3318	13	July 22
Mining, Charles	3280	2	June 3
McHugh, Edmund J	3300	3	June 23
Miller, Joseph	3346	6	Aug. 30
Morrisett, Andrew J	7204	7	Dec. 3
Nelson, Frank M	3261	10	Apr. 24
Robinson, George C	3386	4	Oct. 25
Seiland, O. J	3331	6	Aug. 10
Williams, Lewis A	3378	3	Oct. 11
Zimmerman, Charles	3333	3	Aug. 13
Second assistant engineers (inland).			
Allison, William W	3232	2	Mar. 12
Ale, Wilbert S	3260	1	Apr. 22
Bowen, John J	3210	1	Feb. 1
Butler, John L	3220	11	Feb. 20
Battersby, George	3245	1	Mar. 27
Barr, William E. S	3298	1	June 21
Butler, S. O	3308	3	July 10
Berger, Albert	3309	2	July 13
Barnes, J. Alonzo	3341	4	Aug. 25
Barker, James F	7212	2	Dec. 30
Chason, Joseph L	3244	1	Mar. 27
Conner, John W	3256	11	Apr. 15
Clark, John H	3320	1	July 22
Carroll, George E	3327	3	July 31
Conklin, L. J	3372	2	Oct. 2
Conklin, William R	3387	1	Oct. 29
Cook, Rodney E	7208	6	Dec. 9
Daneker, Henry W	3209	1	Jan. 20
Davis, John E	3324	11	July 27
Dear, Jarrett M	3325	2	Do.
Deukin, Charles	7211	2	Dec. 14
Fitzgerald, Walter	3281	1	June 3
Fitzgerald, Henry	3302	5	June 25
Fitzpatrick, Thomas B.	3344	3	Aug. 24
Finan, Michael J	7207	2	Dec. 9
Gates, William E	3319	3	July 22
Hines, William F	3235	3	Mar. 16
Harrison, Charles	3254	1	Apr. 12
Hardy, Rudolph	3284	8	June 8
Hubbard, F. Henry	3295	2	June 19
Harrison, Percy	3367	1	Sept. 21
Hutchison, Frank P	3381	13	Oct. 18
Hackett, Frank E	3390	2	Nov. 5
Harrison, William B	7203	3	Dec. 2
Jordan, John	3236	16	Mar. 20

Engineers licensed—Baltimore, Md.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second assistant engineers (inland)—Cont'd.			
Jimison, John C., jr.	3271	2	May 17
Jones, Charles T.	3384	4	Oct. 20
Jervis, Charles A	3388	2	Nov. 3
Kennedy, Thomas	3224	1	Feb. 27
Longly, John M	3225	1	Mar. 3
Langsdale, Levin F	3305	1	July 7
Lecompte, Philip	3385	2	Oct. 12
Manly, Sterling R	3249	4	Apr. 1
MacLea, William H	3326	1	July 29
Mackey, James H	3334	3	Aug. 18
Murray, George T	3349	3	Sept. 3
McClean, Wm. H	3364	5	Sept. 18
Moore, George W	3370	3	Sept. 25
Norris, Thomas L	3265	1	May 3
Nolan, William T	3397	1	Nov. 17
Odonnell, Barth	3264	2	Apr. 29
O'Brien, John	3348	12	Sept. 1
Phillips, J. Wilbur	3238	1	Mar. 22
Ryder, George A	3227	5	Mar. 6
Rittner, Frederick	3396	2	Nov. 17
Summersell, John F	3206	1	Jan. 9
Sprague, George W	3304	5	June 29
Stewart, Edward D	3353	4	Sept. 9
Thomas, Arthur C	3301	1	June 24
Turner, Walter T	3315	1	July 19
Taylor, Thomas H	3345	6	Aug. 28
Wells, John S	3231	1	Mar. 11
Wright, George C	3276	3	May 27
Williams, Joseph C	3277	1	Do.
Wright, Howard V	7206	3	Dec. 7
Young, William B	3342	2	Aug. 26
Third assistant engineers (ocean).			
Simonds, Curtis B	3274	5	May 19
Vardy, Jacob	3285	13	June 8
Third assistant engineers (inland).			
Busch, John H	3389	12	Nov. 5
Richardson, Stephen	3272	8	May 17
Special engineers.			
Andrews, Harry	1308	3	Apr. 10
Ash, William H	1316	1	June 12
Boyd, Joseph C	1305	1	Mar. 1
Batchelor, John S	1329	1	Sept. 3
Butler, Thomas	1333	1	Sept. 23
Collison, David W	1302	1	Jan. 4
Collison, Charles H	1303	2	Jan. 26
Custard, David J	1322	9	July 16
Chesney, Bennett	1334	4	Sept. 30
Dempster, W. W	1319	1	July 3
Donohoe, James	1328	3	Aug. 28
Drury, Ernest M	1335	1	Sept. 30
Edmonds, Thomas H	1337	10	Oct. 12
Finkle, William E	1313	1	May 14
Forrest, Lincoln S	1343	4	Nov. 29
Goodman, H. L	1327	1	Aug. 23
Grose, Wesley	1342	11	Nov. 16
Hough, Henry	1306	2	Mar. 9
Hermann, William A	1307	5	Mar. 31
Hieggby, William	1340	5	Oct. 30
Jarman, George R	1341	1	Nov. 17
Krumm, Henry W. E	1312	3	May 12
King, W. J	1324	5	July 31
Lyons, William L	1317	3	June 14
Lamdin, J. S. M	1330	3	Sept. 7
Monroe, David	1304	4	Feb. 10
Mills, Ernest L	1311	1	May 6
Martin, Charles Albert	1314	2	May 17
Myers, John H	1323	5	July 26
Moore, Charles W	1331	9	Sept. 23
Moore, Clarence	1332	9	Do.
Neale, James E	1338	3	Oct. 19
Posey, Thomas	1315	6	May 21
Pitts, William J	1320	12	July 7
Poplar, James	1336	4	Oct. 12
Read, Harry F	1325	1	Aug. 5
Saunders, Thomas L	1301	3	Jan. 4
Scott, John W	1318	1	June 21
Sailor, Samuel	1339	7	Oct. 25
Soper, W. B	1344	4	Dec. 2
Thorne, Thomas	1326	1	Aug. 12
Vosbury, Louis A	1309	5	Apr. 19
Walker, Frank T	1310	3	Apr. 22
Woltz, Edward	1321	4	July 12

LOCAL DISTRICT OF CHARLESTON, S. C.

Masters and pilots licensed during the year ended December 31, 1897—Charleston, S. C.

Name.	No. of license.	No. of issue.	Date of issue.
Adair, W. F	9507	22	Jan. 15
Adkins, E. H	9538	3	Apr. 17
Abbott, T. H	9540	7	May 8
Adair, L. H	9543	17	May 15
Adkins, J. J	9589	11	July 23
Adams, John	12520	20	Oct. 23
Ames, George	12526	20	Nov. 11
Byrne, James	9515	9	Feb. 12
Bailey, Henry	9529	11	Apr. 5
Bradshaw, J	9532	11	Apr. 17
Burriss, O. D	9546	9	May 15
Burriss, E. T	9579	3	July 22
Bennett, J. J	12501	8	Sept. 18
Bowdoin, H. L	12523	8	Oct. 29
Burkhimer, H. D	12545	8	Dec. 20
Boyle, G. A	12551	8	Dec. 31
Caffrey, J S	9531	6	Apr. 17
Cherry, F	9542	18	May 8
Carr, M. P	9544	7	May 15
Cherry, D	9545	18	Do.
Chadwick, D. W	9550	14	May 20
Craig, O. R	9553	9	May 24
Crapon, G. M	9554	20	May 29
Conner, E. F	9556	1	Do.
Collins, Wm. J	9559	7	June 3
Cordes, H. S	9563	22	June 12
Cushman, F. B	9565	18	June 23
Currie, M	9570	3	July 6
Castle, D. B	9599	1. 1	Sept. 16
Crouch, H. W	12521	18	Oct. 26
Craig, J. W	12534	16	Nov. 23
Dixon, T. G	9501	17	Jan. 4
Dudley, J. W	9502	15	Do.
Dowdy, H. H	9505	9	Jan. 6
Durant, G. B	9519	7	Feb. 17
Dusenbury, R. G	9525	11	Mar. 25
Dusenbury, Z. W	9530	18	Apr. 7
Dusenbury, J. H	9548	6	May 15
Dixon, W. B	9557	14	June 1
Dicksey, P. T	9593	18	Sept. 1
Davis, R. W	12529	7	Nov. 12
Elliott, H. D	9577	4	July 21

Masters and pilots licensed—Charleston, S. C.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Ferguson, T. D.	9513	12	Feb. 6	Potter, B. M.	12522	8	Oct. 28
Flowers. James E.	9514	14	Feb. 10	Parkin, T. E.	12532	6	Nov. 17
Flowers. W. H	9516	14	Feb. 12	Pinner, J. L.	12543	5	Dec. 14
Flatley, James	9587	7	Aug. 9	Platt, Samuel C.	12550	27	Dec. 28
Ferguson, J.	12517	11	Oct. 6	Relyea, C. J.	9508	13	Jan. 21
Fulton S. W	12539	12	Dec. 3	Revel, W. G.	9520	17	Feb. 18
Foster, Joseph	12540	6	Do.	Roberts, D. M.	9541	17	May 8
Finnegan, G. W	12544	11	Dec. 15	Rhoades, S. W.	9558	7	June 2
Ferdon, John	12546	18	Dec. 22	Ramsden, John	9575	16	July 19
Groves, G. H.	9549	13	May 18	Relyea, I. E	9595	15	Sept. 10
Green, T. J.	12502	16	Sept. 18	Roberts, G. W.	12518	12	Oct. 21
Galloway, L. A.	12509	13	Oct. 1	Reynolds, J. T	12528	17	Nov. 11
Harper, J. W.	9527	20	Mar. 25	Robinson, I	12530	16	Nov. 13
Harper, J. T.	9533	15	Apr. 17	Rice, F. B	12531	14	Nov. 15
Holt, S. M.	9566	11	June 24	Robeson, W. A.	12549	21	Dec. 28
Hubbard, J. T	9588	13	Aug. 11	Springs, A. A	9504	18	Jan. 6
Harllee, J. W.	12504	7	Sept. 20	St. George. C.	9551	4	May 20
Hopkins, G. H.	12507	25	Sept. 30	Slavich, M. E	9552	15	May 22
Igoe, J. J.	9511	8	Jan. 25	Scarpa, Paul	9560	11	June 3
Ingram, A. D.	12511	13	Oct. 5	Snell, William A.	9561	18	June 5
Jacobs, H.	9503	9	Jan. 6	Smith. C. G	9567	9	June 26
Jorgensen, H. P.	9537	3	Apr. 26	Smith, M. B	9569	19	July 3
Jervey, D. D.	9581	8	July 23	Swinton. W. H.	9571	10	July 7
Joanelli, J	12515	8	Oct. 14	Smith, John D	9578	14	July 21
Kramer, B. F.	9518	8	Feb. 16	Sinclair, D. W	9586	26	Aug. 4
Kinyon, W. A.	9576	7	July 21	Salters, J. T.	9589	17	Aug. 16
Kinsey, C. F.	12510	8	Oct. 2	Styron, D	9590	19	Aug. 23
Kermon, W. J.	12525	11	Nov. 2	Sian, J. R	12508	19	Oct. 1
Lockwood, R. H.	9510	17	Jan. 23	Smith, Jas. C.	12513	18	Oct. 9
Lewis, W. C.	9521	14	Feb. 26	Skipper. R. P	12533	10	Nov. 23
Lewis, A. M.	9528	9	Mar. 30	Swan, Geo. H	12536	2, 3	Nov. 27
Lewis, C. C.	9572	12	July 9	Smith, John G	12537	15	Nov. 29
Lockwood. W. L.	12505	7	Sept. 28	Smith, Thomas	12541	19	Dec. 8
Lewis, E. H.	12512	16	Oct. 9	Stevens, J. S	12547	7	Dec. 28
Lachicotte, St. J. M.	12524	19	Nov. 1	Sellers, J. S	12548	14	Do.
Lewis, H. C.	12535	14	Nov. 26	Taylor, J. W	9524	7	Mar. 20
Magwood, R.	9522	8	Mar. 5	Turpin, C. M	9536	13	Apr. 22
Morse, K	9562	12	June 8	Thompson, T	9539	11	Apr. 29
Millar, R. S.	9585	8	July 31	Thornton, T. H	9564	17	June 12
Morton, George L.	9597	10	Sept. 10	Taylor. Thomas	9574	7	July 16
McKenna, P. J	12514	4	Oct. 11	Taft. Walter	9583	19	July 29
Moore, George	12516	18	Oct. 15	Vaden, W. A.	9573	23	July 14
Munnerlyn, T. S.	12519	24	Oct. 22	Vaughan, J. E	9598	21	Sept. 13
Mikell, J. E.	12542	14	Dec. 10	Williams. H T	9509	16	Jan. 21
O'Keefe, T. C.	9555	14	May 29	Watts, George H	9512	10	Jan. 28
Price, J. D.	9506	6	Jan. 12	Watson, J. L.	9517	11	Feb. 15
Pepper. E. E.	9523	6	Mar. 9	Williams, E D	9526	20	Mar. 25
Parsons. A. E.	9535	4	Apr. 21	Williams. J. H	9534	21	Apr. 21
Pigott. E. S.	9547	6	May 15	Whitted. T. S	9568	10	July 3
Pepper, L. J	9582	10	July 24	Williams, J. S.	9592	2	Aug. 30
Pinckney, F. D.	9584	9	July 30	Warren, G. A	9594	7	Sept. 1
Porter, J. H.	9591	7	Aug. 30	Williams. A. H	12506	7	Sept. 28
Pinner, James	9596	12	Sept. 10	Worth, A. H	15527	21	Nov. 11
Phillips, F. D.	9600	20	Sept. 16	Wilson, A. M	12538	12	Nov. 30
Pinner, W. G.	12503	12	Sept. 18				

Mates licensed during the year ended December 31, 1897—Charleston, S. C.

Hansen, S. C	1151	1	Apr. 9	McAnderson, J	1152	1	Apr. 21

Pilots licensed during the year ended December 31, 1897—Charleston, S. C.

First-class pilots.				*First-class pilots*—Continued.			
Baker, J. L.	2122	7	Sept. 23	Heyward, Thomas	2109	6	May 20
Black, D. J.	2131	14	Dec. 20	Hamilton, D	2120	17	Sept. 16
Buxton, Daniel	2134	9	Dec. 29	Izard, Henry	2117	11	Aug. 24
Coste, C. N.	2126	7	Oct. 21	Jones, N. W.	2105	14	Mar. 31
Dennis, W. W.	2102	13	Jan. 22	Jackson, D.	2124	7	Oct. 9
Fulcher, M. H.	2108	14	May 20	Johnson, W.	2129	8	Nov. 30
Gatlin, J. C	2133	15	Dec. 22	Kessler, J.	2114	4	July 30
Hemingway, W. L	2106	7	Apr. 19	Lyons, A. D.	2132	7	Dec. 21

Pilots licensed—Charleston, S. C.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Moore, A. W	2113	8	July 27
Moore, Henry	2123	16	Oct. 9
Olsen, C	2115	6	Aug. 21
Pittman, R. E	2116	9	Aug. 23
Parker, J. R	2119	14	Sept. 14
Parsons, W. S	2127	3	Nov. 24
Rode, O. C	2107	8	May 17
Roberts, Zach	2111	15	June 26
Smith, J. O	2101	8	Jan. 14
Singleton, C	2118	20	Aug. 24
Smith, G. W	2125	20	Oct. 11
Taylor, Andrew	2110	16	June 21
Uptegrove, J. E	2130	7	Dec. 10
Ward, Herbert	2103	6	Mar. 17
Wade, D. B	2104	10	Mar. 25
Watson, Noah	2112	18	July 21
Williams, John	2121	19	Sept. 21
Wallace, A. G	2128	9	Nov. 26
Second-class pilots.			
Adair, A. M	2648	7	July 31
Brower, H	2625	8	Apr. 10
Bellune, J. F	2641	2	July 3
Bulwinkle, A. H	2642	2	July 22
Boushee, W. R	2651	9	Aug. 9
Bulwinkle, H. D	2659	6	Oct. 23
Basnight, J. S	2662	4	Nov. 11
Chestnut, J	2608	7	Jan. 21
Cunningham, G. I	2622	7	Mar. 29
Cromatie, H	2643	10	July 22
Daggett, B. T	2629	6	Apr. 26
Dowdy, S. McG	2630	4	May 4
Dixon, T. G., jr	2636	7	June 4
Haywood, J. T	2614	6	Feb. 18
Hawes, E	2627	8	Apr. 21
Henry, N	2634	15	May 29
Hewlett, G. C	2635	5	Do.
Hall, H. C	2657	3	Oct. 13
Ireland, George	2663	9	Nov. 12
Johnson, M	2621	19	Mar. 15
Ketchum, W. A	2612	6	Feb. 4
Lancaster, D. S	2605	6	Jan. 15
Landen, L. M	2626	6	Apr. 19
McMahon, J. F	2606	2	Jan. 19
Moore, A	2611	14	Jan. 26
Second-class pilots—Continued.			
McGuire, M. T	2613	4	Feb. 16
McDaniel, A. J	2615	4	Feb. 26
Morton, M. F	2631	9	May 15
McLean, R. O	2654	8	Sept. 22
Moore, C. P	2656	4	Oct. 13
Moisson, J. O	2658	6	Oct. 23
Nelson, N	2601	15	Jan. 4
Nelson, W. E	2602	10	Do.
Nesmith, D. R	2632	2	May 21
Nickerson, P. W., jr	2647	1	July 29
Oliver, W. L	2620	4	Mar. 10
Powell, T. E	2604	6	Jan. 7
Parker, S. G	2607	6	Jan. 19
Potter, William	2610	6	Jan. 21
Pigott, T. B	2618	9	Mar. 4
Pregnall, W. O	2623	2	Mar. 31
Pinckney, B. G., jr	2637	3	June 19
Parkin, James	2640	4	July 2
Pregnall, H. N	2645	11	July 26
Pigott, R	2652	5	Sept. 6
Rowe, W. E	2616	2	Feb. 26
Roberts, J. A	2665	4	Nov. 16
Smith, W. E	2609	2	Jan. 21
Stoesen, H	2644	10	July 22
Singletary, J. S	2664	7	Nov. 15
Steeger, A. W	2667	2	Dec. 8
Tamplet, J. C	2660	1	Oct. 25
Webb, W. A	2603	7	Jan. 6
Wernes, A. A	2617	3	Mar. 2
Ward, S. M	2619	7	Mar. 4
Wade, W. B	2624	4	Apr. 5
Ward, M. B	2628	6	Apr. 23
Westbury, C. W	2633	9	May 21
Williams, J	2638	8	June 24
Weatherly, M	2646	3	July 28
Wessell, C	2650	7	Aug. 9
Wescoat, D	2653	8	Sept. 16
Wiggins, H. O	2655	4	Oct. 1
Special pilots.			
Chisolm, W. B	2668	7	Dec. 28
Fennell, W	2661	1	Oct. 25
Gay, J. W	2666	1	Nov. 23
Sherman, E	2639	2	June 30
Venning, W. McCants	2649	4	Aug. 4

Joint pilots and engineers licensed during the year ended December 31, 1897—Charleston, S. C.

Butters, C. E	705	1	Mar. 2	McGowan, W. A	711	3	Aug. 7
Dowdy, S. McG	702	1	Jan. 5	Potts, Samuel C	708	1	Apr. 22
Donaldson, J. H	709	1	May 3	Phillips, J. H	713	1	Sept. 13
Ellis, W. B	703	1	Jan. 9	Simmons, M. W	704	2	Feb. 10
Gibson, R. W	707	3	Apr. 21	Sanford, W. B	710	2	May 19
Grim, C. P	712	2	Sept. 10	Tarbox, F. G	715	2	Dec. 22
Hughes, W. E	701	1	Jan. 5	Whitford, J. H	706	1	Apr. 8
Johnson, J. D	714	1	Dec. 8				

Engineers licensed during the year ended December 31, 1897—Charleston, S. C.

Chief engineers (ocean.)				*Chief engineers (ocean)*—Continued.			
Anderson, G. D	9515	10	Jan. 22	Chapman, J. P	13004	25	Aug. 16
Anderson, E. I	13062	20	Dec. 11	Conner, J. S	13018	21	Oct. 1
Bonneau, W. E	9534	22	Mar. 30	Drury, Geo. F	9514	9	Jan. 21
Berger, J. A	13013	17	Sept. 17	DeReamer, G. C	13006	6	Aug. 20
Bochman, C. G	13039	22	Nov. 11	Doig, John	13053	32	Dec. 3
Conekin, Dawson	9556	19	May 8	Elsworth, R. J. S	9539	18	Apr. 3
Congdon, G. R	9593	17	July 30	Edwards, C. R. F	9598	5	Aug. 7

Engineers licensed—Charleston, S. C.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
Ellis, B. R	13047	31	Nov. 23
Finn, P. P	9501	16	Jan. 2
Furlong, W. A	9535	12	Mar. 31
Fredericks, G. W	13024	19	Oct. 15
Ferguson, Hughe, jr	13046	7	Nov. 22
Groom, Herbert	13036	7	Oct. 30
Hubbard, R. H	9545	19	Apr. 15
Hasson, C. C	9548	19	Apr. 21
Jones, Jonnie B	9563	13	May 22
King, A. J	13060	17	Dec. 10
Magill, R. C	9506	15	Jan. 4
McKinlay, J	9517	25	Jan. 29
Maguire, M	9541	12	Apr. 7
McGrane, J. J	9567	16	May 29
Mayo, John D	9590	15	July 29
Moisson, J. O	13028	27	Oct. 23
Myers, Joseph	13065	13	Dec. 27
O'Keefe, T. C	9565	17	May 29
Quinlivan, J. W	13030	25	Oct. 25
Rann, T. J	9566	16	May 29
Riley, W. H	9587	12	July 19
Robinson, W. H	13040	16	Nov. 12
Skipper, R. P	9509	16	Jan. 13
Sweeney, J. H	9558	12	May 17
Smith, Jeff	9572	21	June 12
Smith, James C	13021	16	Oct. 9
Thatcher, J. Q	9551	13	Apr. 26
Chief engineers (inland).			
Bell, J. J	9523	14	Feb. 25
Barr, G. A	9530	7	Mar. 12
Blair, Andrew	9582	15	July 14
Butts, L. A	13019	18	Oct. 9
Bowdoin, H. L	13033	8	Oct. 29
Cosby, I. L	9502	15	Jan. 2
Creel, J. F	9528	16	Mar. 5
Carty, S. C	9533	2	Mar. 25
Coles, Nero	9537	28	Mar. 31
Conner, G. W	9547	4	Apr. 17
Cunningham, A. C	9560	5	May 17
Crouch, E. P	13032	17	Oct. 26
Cuttino, Isaac	13034	17	Oct. 29
Colford, Thomas	13038	15	Nov. 11
Dey, Charles P	9503	15	Jan. 2
Douglass, J. J	9504	13	Jan. 4
Dougherty, H	9522	6	Feb. 25
Dittmar, G	9543	18	Apr. 15
Dixon, T. G., jr	9570	8	June 4
Doig, M. T	9576	13	June 18
Doar, E. D	9579	17	July 3
Duprce, J. F	9595	9	Aug. 3
Doyle, P. C	13008	9	Aug. 31
Driver, H. M	13010	20	Sept. 4
Doig, J. S	13022	18	Oct. 12
Daggett, B. F	13027	8	Oct. 22
Dozier, J. F	13056	17	Dec. 3
Elliott, C. W	9584	16	July 14
Francis, D. A	9546	23	Apr. 17
Fisher, J. M. C	9577	16	June 19
Flowers, W. H	13003	12	Aug. 16
Falconer, J. M	13025	10	Oct. 21
Gilbert, J. D	9518	15	Jan. 30
Gorman, J. S	9557	16	May 15
Grimstead, G. W	9583	15	July 14
Gatlin, J. C	13035	12	Oct. 30
Harrison, J. C	9527	13	Mar. 2
Hawkins, F	9538	15	Apr. 2
Hall, C. H	9540	4	Apr. 3
Haselden, E. C	13007	6	Aug. 20
Jones, Bryant	9544	25	Apr. 15
Jewell, C. W	9559	11	May 17
Jones, N. W	13002	15	Aug. 16
Jones, James H	13017	25	Sept. 28
Johnson, J. B	13049	3	Nov. 24
Jordan, T. R	13061	7	Dec. 10
Kinyon, W. A	9505	5	Jan. 4
Chief engineers (inland)—Continued.			
Knight, J. N	9586	3	July 15
Ketchum, W. A	13058	6	Dec. 8
Lassiter, J. J	9510	17	Jan. 14
Lockwood, R. H	9516	9	Jan. 23
Lindquist, Charles	9555	13	May 8
Latimer, H. G	9592	10	July 30
McCarrel, W. M	9520	8	Feb. 16
McClellan, A	9521	4	Feb. 25
Murphy, J. J	9532	8	Mar. 25
Mattocks, W. E	9536	7	Mar. 31
McGorty, A	9581	15	July 9
McCarrel, R	9600	5	Aug. 16
May, John	13012	14	Sept. 4
McGinn, G	13014	11	Sept. 22
McKevlin, T. J	13015	6	Sept. 24
McIntosh, W. A	13042	11	Nov. 12
Mortimere, Wm	13043	17	Nov. 15
Mason, J. W	13054	15	Dec. 3
Meitzler, J	13059	10	Dec. 8
Morris, N	13063	16	Dec. 14
Newkirk, W. S	9564	14	May 26
Newkirk, H. F	9580	12	July 6
Newkirk, B. W	13020	16	Oct. 9
Nois, Robert	13045	15	Nov. 16
O'Brien, J. E	9513	10	Jan. 19
O'Rourke, James	9524	9	Feb. 27
O'Connor, J. J	13029	11	Oct. 25
Pinckney, R. H	9507	11	Jan. 5
Pearsall, E	9511	7	Jan. 15
Platt, P. F	9512	16	Do.
Pinckney, W. H	9549	9	Apr. 24
Pittman, Ernest	9568	4	May 31
Parkin, Herbert	9569	5	June 4
Palmer, W. C	9599	8	Aug. 7
Price, W. C	13023	21	Oct. 15
Parris, T. E	13031	8	Oct. 26
Parkin, T. E	13050	17	Nov. 27
Richardson, C	9550	21	Apr. 24
Robinson, E. W	9553	15	May 4
Register, R. B	9554	11	May 6
Reed, G. R	9562	4	May 22
Rhodes, J. J	9574	4	June 12
Ruff, P. M	9578	15	June 30
Rowland, J. L	13005	12	Aug. 18
Risley, J. H	13011	14	Sept. 4
Russell, B. R	18037	17	Nov. 2
Rice, Jerry	13048	13	Nov. 23
Roberts, E. M	13052	17	Nov. 30
Sassard, H. W	9519	17	Feb. 12
Sykes, A. V	9526	14	Mar. 2
Shubrick, L	9542	12	Apr. 15
Sellers, R. A	9561	25	May 19
Smith, R. G	9585	15	July 15
Smith, Angus	9589	16	July 24
Stevens, W. Y	13001	6	Aug. 16
Stewart, J. C	13016	14	Sept. 25
Smith, J. G	13051	10	Nov. 29
Stevens, J. S	13066	11	Dec. 27
Taylor, J. D	9529	18	Mar. 6
Thompson, J. M	9571	6	June 12
Thornton, T. H	9573	18	Do.
Taft, Walter	9591	15	July 29
Touchtone, W. H	13057	6	Dec. 3
Wilcox, A. F	9508	12	Jan. 5
Williams, T. G	9525	10	Mar. 1
Walsh, M. A	9531	7	Mar. 12
Whitford, Reid	9552	7	May 1
Warren, E. D	9575	4	June 16
Ward, Herbert	9588	14	July 22
Webb, J. J	9594	17	Aug. 3
Waters, J. V	9596	5	Aug. 6
Windsor, N	13009	15	Sept. 1
Whitford, J. D	13026	1	Oct. 21
Willis, P. A	13041	15	Nov. 12
Wilson, J. G	13044	16	Nov. 16
Woodward, J. M	13055	13	Dec. 3
Wiswell, G. C	13064	1	Dec. 18
Yockeh, John	9597	6	Aug. 6

Engineers licensed—Charleston, S. C.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Adair, W. S	3423	1	Apr. 22
Allston, Jerry	3451	14	Sept. 28
Bennett, D	3430	10	May 27
Bacon, L. R	3455	4	Oct. 11
Beach, G. J	3462	10	Nov. 11
Carr, Thomas	3403	13	Jan. 11
Dupree, C. F	3412	1	Feb. 25
Dicksey, J. W. B	3443	7	Aug. 18
Douglass, D. W	3460	8	Nov. 3
Edwards, T. M	3426	6	May 6
Fulton, S. A	3464	4	Nov. 13
Gay, Joseph W	3416	3	Mar. 15
Gatlin, A. J	3445	15	Aug. 20
Henry, Kelly	3442	15	Aug. 18
Henderson, M	3448	7	Sept. 14
Jones, James	3446	7	Aug. 24
Jacobs, Moses	3456	13	Oct. 18
Keachley, T. H	3435	1	June 19
Lassey, Moses	3453	11	Oct. 5
Lassiter, R. B	3454	1	Oct. 9
Lachicotte, St. J. M	3459	4	Nov. 1
Murphy, J. D., jr	3407	4	Feb. 8
Moultrie, S	3414	18	Mar. 4
Mills, B	3415	10	Mar. 13
Marine, Archie	3468	13	Dec. 8
Neal, Henry	3419	14	Apr. 7
Oglesby, Elmon	3457	1	Oct. 22
Parkin, James	3401	8	Jan. 6
Pregnall, H. N	3436	15	June 25
Reynolds, A. K	3410	13	Feb. 12
Rivers, Frank	3413	11	Mar. 3
Rivers, Geo. F	3418	8	Apr. 7
Rowland, C. J.	3427	11	May 7
Roberts, W. F	3428	11	May 8
Reynolds, J. T	3444	12	Aug. 20
Rooks, J. H	3452	12	Sept. 28
Ruff, Walter E	3461	6	Nov. 4
Ray, William	3465	9	Nov. 23
Ritts, B. H	3471	2	Dec. 18
Smith, F. S	3406	2	Jan. 27
Stout, G. W	3433	8	June 18
Woodward, A. H	3431	2	June 12
Warren, J. B	3434	9	June 19
Williams, Peter	3463	12	Nov. 11
Williams, Sam	3470	1	Dec. 8
First assistant engineers (ocean).			
Brennan, T	3447	8	Sept. 13
Burdges, W. R	3450	10	Sept. 14
Scanlan, C. B	3409	5	Feb. 10
First assistant engineers (inland).			
Eagles, Hector	3469	12	Dec. 8
Gilbert, Andrew	3441	3	July 19
Hatwood, John	3425	11	May 6
Jollie, W. P	3440	1	July 19
Kilpatrick, W. B	3466	3	Nov. 24
McGuire, Adam	3408	21	Feb. 10
Meadows, T. H	3438	6	July 17
Peoples, J. A	3402	1	Jan. 8
Parkin, E	3404	12	Jan. 14
Sammons, S. L	3422	1	Apr. 16
Swain, Joseph	3467	8	Nov. 30
Ventres, W. C	3405	2	Jan. 27
Ward, R. L	3458	2	Oct. 23
Second assistant engineers (ocean).			
Caffyn, F. J	3420	4	Apr. 9
Haselden, G. R	3437	3	July 8
Lynch, William	3429	10	May 15
McCarty, D	3449	14	Sept. 14
Tinnerholm, F. K	3421	5	Apr. 15
Second assistant engineers (inland).			
Huertas, F	3432	4	June 12
Jones, Fred. E	3411	7	Feb 16
Third assistant engineers (ocean).			
Murphy, P. P	3424	3	May 1
Platt, T. H	3417	5	Mar. 18
Spellman, P. D	3439	1	July 17
Special engineers.			
Beach, Arthur C	1407	3	July 28
Barlow, John	1411	3	Aug. 26
Baker, John C	1415	1	Dec. 1
Chisholm, W. B	1417	7	Dec. 28
Daye, John F	1409	4	Aug. 24
Duncan, William	1410	5	Do.
Finnegan, G. W	1416	8	Dec. 15
Godbolt, G. O	1414	8	Nov. 8
Holmes, John	1401	2	Jan. 21
Hall, C. E	1413	3	Oct. 9
King, S. F	1404	2	Apr. 3
McInnes, S. R	1412	1	Sept. 3
Shriver, Fred	1402	3	Mar. 15
Shipp, Isaac	1408	1	Aug. 21
White, S. I	1403	1	Mar. 25
Walker, F	1405	11	May 18
Wright, B. F	1406	2	July 6

LOCAL DISTRICT OF SAVANNAH, GA.

Masters and pilots licensed during the year ended December 31, 1897—Savannah, Ga.

Name.	No. of license.	No. of issue.	Date of issue.
Anderson, Ernest	9604	3	Jan. 9
Aranburn, Andre	9642	10	Apr. 22
Avery, Frank B	9651	17	May 14
Armstrong, W. D	9665	18	June 14
Acken, A. H	9698	12	Sept. 13
Askins, S. L	11806	19	Sept. 28
Avery, Van B	11818	20	Oct. 18
Anderson, C. J	11825	9	Oct. 27
Ashmore, Arthur	11829	4	Nov. 4
Benefield, George	9612	15	Jan. 28
Barnes, W. G	9623	10	Feb. 20
Battie, C. W	9627	8	Mar. 10
Browne, John	9648	12	May 7
Boulineau, F. C	9668	6	June 15
Bailey, W. F	9687	17	July 29
Burg, C. G. S	11813	18	Oct. 11
Bliss, J. S	11819	20	Oct. 21
Baya, J. F	11824	13	Oct. 27
Bell, James	11836	10	Nov. 30
Boyle, D	11846	18	Dec. 30
Bevill, Jessie S	11822	22	Oct. 25
Clark, T. G	9614	9	Feb. 5

Masters licensed—Savannah, Ga.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Chadwick, S	9616	21	Feb. 10	Lossere, F. B	9694	10	Aug. 27
Clark, J. S	9618	13	Feb. 12	Lonm, Leo	11845	16	Dec. 29
Chadwick, B. B	8631	12	Mar. 15	Lossere, J. F	9667	11	June 14
Cook, J. B	9635	17	Mar. 29	Marmelstein, C. A	9601	20	Jan. 6
Caffray, C. W	9660	13	June 5	Mack, J. F	9658	12	June 5
Craig, John H	9676	28	July 9	Mackin, C. G	9670	9	June 15
Crofut, G. S	9685	17	July 19	Mobley, Byrd	9697	14	Sept. 13
Carroll, J. E	9699	17	Sept. 13	Murray, C. H	9700	1	Sept. 15
Crawford, W. S	11802	27	Sept. 21	Mulligan, J. E	11805	8	Sept. 28
Cairns, T. S	11814	21	Oct. 12	McPherson, H	11807	7	Sept. 30
Chadwick, W. H	11843	7	Dec. 18	Mayer. R. W	11830	10	Nov. 9
Daniels, W. T., jr	9605	7	Jan. 15	McBurrows, J. S	11831	29	Nov. 10
Daniels, E. F	9626	19	Mar. 4	Marmelstein, A	11833	19	Nov. 18
Doughty, O. R	9653	11	May 19	McCallum, J. E	11838	20	Dec. 4
Dart, W	9674	17	June 30	Murray, C. E	9618	5	Feb. 10
Daggett, H. C	11801	25	Sept. 17	Miller, J. W	11840	8	Do.
Downs, Robert	11835	17	Nov. 23	Phillips, B. C	9607	18	Jan. 23
Daniels, T. J	11841	7	Dec. 13	Phillips, D. W	9617	3	Feb. 12
Day, John L	11847	19	Dec. 30	Paget, Edward	9622	10	Feb. 18
Edwards, J. F	9611	18	Jan. 28	Peck, John F	9624	23	Feb. 22
Ely, C. C	11837	7	Nov. 29	Paine, Edward	9638	19	Apr. 6
Ferguson, W. M	9615	6	Feb. 5	Patterson, W. H	9647	12	May 7
Fitzgerald, John	9630	20	Mar. 13	Payne, W. H	9657	28	June 5
Fitzgerald, E. B	9633	10	Mar. 15	Packard, T. D	9662	11	June 11
Fahm, B. S	9641	17	Apr. 22	Rogerson, W. H	9652	17	May 15
Foster, Enos	9677	18	July 10	Rossignol, George W	9678	22	July 14
Fleetwood, W. H	11803	27	Sept. 21	Robeson, J. D	11827	14	Nov. 4
Floyd, J. W	11804	14	Do.	Roberts, U. M	11828	22	Do.
Fisher, W. H	11823	18	Oct. 25	Shekells, T. W	9609	16	Jan. 26
Ferrebee, W. A	11832	11	Nov. 19	Sweeney, Charles	9610	20	Do.
Finney, P. B	11844	11	Dec. 20	Scott, E. H	9620	11	Feb. 17
Gustafsen, F	9644	9	Apr. 27	Strobhar, John B	9634	17	Mar. 18
Green, F. J	9646	28	May 7	Stevenson, J. P	9639	6	Apr. 13
Googins, C. B	11808	24	Oct. 4	Sharp, Robert	9649	11	May 7
Gens, William	11817	12	Oct. 18	Stone, Edward N	9659	24	June 5
Garnett, J. G	11834	16	Nov. 23	Somerville, W. M	9663	16	June 14
Godwin, C. F	11839	25	Dec. 10	Strange, T. S	9675	11	July 6
Henry, W. W	9613	10	Feb. 5	St. Clair, James	9693	14	Aug. 25
Haynesworth, J. H	9621	6	Feb. 17	Smith, F. H	9688	9	Aug. 3
Hooper, G. G	9628	10	Mar. 10	Spencer, W. H	11809	21	Oct. 5
Howard, C. W	9636	15	Apr. 3	Smith, Frederick K	11826	23	Oct. 27
Hudson, Robert	9640	11	Apr. 16	Strobhar, H. A	11842	13	Oct. 18
Haines, C. W	9643	19	Apr. 22	Towles, W. T	9603	10	Jan. 7
Hatch, J. C	9650	21	May 7	Turner, E. G	9608	23	June 25
Healy, T. F	9669	15	June 15	Thompson, W. J	9686	14	July 26
Hallowes, L. E	9681	24	July 14	Townsend, C. C	9689	14	Aug. 10
Harrison, T. F	9682	16	Do.	Tupper, W. M	9692	14	Aug. 25
Hamilton, S. P	9691	9	Aug. 24	Torrent, Joseph F	11815	18	Oct. 12
Henley, A. H	11810	2	Oct. 6	Ulmo, W. C	9629	8	Mar. 10
Henry, Isaac	11816	31	Oct. 18	Usina, M. P	9680	24	July 14
Johnson, Richard	9664	15	June 14	Vail, Edgar E	9683	8	Do.
Jenkins, George W	9684	17	July 16	White, W. C	9602	18	Jan. 7
Jenkins, M	9690	7	Aug. 10	Williams, George	9606	21	Jan. 16
Jacobs, J. Q	9696	25	Sept. 11	Wilson, James	9655	1	May 24
Johnson, A. F	11820	12	Oct. 24	Woolvin, R. B	9661	1	June 10
Kavanaugh, John	9637	13	Apr. 3	Winn, F. B	9666	10	June 14
Kuhse, Frank	9656	10	June 5	Wright, Duncan	9671	14	June 26
Keen, J. F	9672	18	June 26	Wilcox, Z. K	9673	12	Do.
Keevil, Charles	11821	14	Oct. 21	Wood, John W	9679	6	July 14
Lewis, H. C	9625	11	Feb. 27	White, B. A., jr	11811	1	Oct. 7
Lee, W. G	9632	17	Mar. 15	Ward, P. H	11812	17	Oct. 8
Laird, T. H	9645	8	May 5	Wilcox, J. J	11848	16	Dec. 30
Laird, T. H., jr	9654	17	May 22	Yates, G. H	9695	16	Sept. 11

Mates licensed during the year ended December 31, 1897—Savannah, Ga.

Long, H. F	1206	1	Sept. 3	Robins, J. J	1204	2	June 8
Olsen, M. Oscar	1207	6	Do.				

Mates and pilots licensed during the year ended December 31, 1897—Savannah, Ga.

Crowell, L. M	1201	7	Feb. 25	Lustig, A. C	1205	11	Aug. 4
Daggett, A. A	1202	1	Feb. 27	Murray, T. G. J	1208	4	Sept. 4
Howlett, James	1203	16	Mar. 31				

Pilots licensed during the year ended December 31, 1897—Savannah, Ga.

Name.	No. of license.	No. of issue	Date of issue.
First-class pilots.			
Alebury, Rufus	2238	17	Oct. 1
Anderson, M. A	2215	6	Apr. 27
Bohler, J. W	2203	9	Jan. 18
Barr, John W	2210	11	Mar. 15
Brown, Robert	2218	13	Mar. 17
Baker, W. M	2219	9	June 5
Curtis, Samuel	2233	3	Sept. 11
Coker, J. M	2214	9	Apr. 27
Chadwick, James	2221	9	June 5
Dalbon, C	2235	13	Sept. 17
Douglass, Fred	2246	8	Dec. 8
Delaney, D. S	2224	15	June 24
Daniels, H. C	2225	4	June 26
Daniels, J. W	2243	3	Oct. 27
Everhardt, Gus	2204	9	Jan. 28
Evans, W. E	2228	14	July 12
Edwards, Alexander	2240	10	Oct. 8
Ferguson, James	2216	8	Apr. 27
Fader, George S	2248	13	Dec. 30
Fleetwood, C. G	2234	4	Sept. 15
Gammont, G. E. L	2226	13	June 26
Houston, Henry	2239	20	Oct. 5
Hiser, John C	2202	10	Jan. 18
Haynes, March	2217	23	Apr. 30
Hardee, Charles	2222	9	June 5
Jensen, Ingman	2245	8	Nov. 30
Kampen, T. W	2242	12	Oct. 15
Laster, Virgil	2207	9	Mar. 13
Miller, Charles A	2205	6	Feb. 5
McCall, Norman	2232	16	Sept. 9
Matthews, John	2241	11	Oct. 14
Noble, Raymond	2230	14	Aug. 25
Nightingale, Ben	2244	15	Oct. 30
Oemler, Augustus	2236	8	Sept. 27
Perkins, Linton	2211	13	Apr. 5
Parker, P. B	2212	16	Apr. 16
Rafferty, John	2213	12	Do.
Robinson, R. F	2220	25	June 5
Ramsay, James	2223	19	Do.
Stegin, Jos. A	2227	9	July 12
Sparr, W. S	2229	10	Aug. 4
Starr, John	2237	7	Sept. 28
Seabrook, Edward	2206	10	Mar. 4
Vance, J. W	2231	7	Sept. 9
Von Harten, William	2247	6	Dec. 10
Wilkinson, Augustus	2201	11	Jan. 11
Wiggins, Lewis	2208	19	Mar. 15
Wilson, George B	2209	12	Do.
Second-class pilots.			
Alexander, Charles	2711	13	Feb. 17
Anderson, C. J	2720	3	Apr. 17
Alexander, C. H	2723	7	Apr. 22
Ames, F. H	2745	9	Aug. 25
Brower, George J	2741	8	July 16
Berry, H. O	2704	1	June 25
Second-class pilots—Continued.			
Chadwick, Peter	2702	8	Jan. 20
Clark, T. G	2706	5	Jan. 28
Caillet, A. I	2710	4	Feb. 17
Craig, M. A	2735	2	July 7
Campbell, H. K	2758	8	Dec. 10
Cook, Alfred	2759	8	Dec. 30
Dudley, E. B., jr	2713	3	Mar. 15
Dalbon, C. A	2728	12	June 5
Dunham, W. J	2750	1	Sept. 11
Evatt, W. I	2755	5	Oct. 9
Folker, J. O	2714	3	Mar. 15
Forstensen, Sol	2725	8	May 7
Ferrill, George E	2748	9	Sept. 9
Finister, Frank	2717	2	Mar. 15
Goodbread, Walton	2729	2	June 5
Grier, Z. B	2732	4	June 26
Gould, A. C	2746	3	Aug. 25
Hardee, J. R	2760	6	Dec. 30
Hazzard, W. J	2752	14	Sept. 28
Haman, William	2737	9	July 14
Harris, W. V	2701	1	Jan. 16
Houston, C. C	2703	6	Jan. 23
Hendrickson, W. W	2727	5	June 5
Healy, John	2731	4	June 15
Jones, T. C	2754	14	Oct. 9
Judkins, J. H	2719	3	Apr. 3
Koppered, A. J	2709	1	Feb. 6
Long, H. L	2740	3	July 16
McCall, H. M	2721	10	Apr. 22
McCormac, William	2742	7	July 19
Maley, J. K	2722	7	Apr. 22
Mann, J. R	2734	1	Apr. 24
Newton, S. D	2726	1	May 14
Page, W. E	2730	4	June 5
Paul, Peter L	2753	8	Oct. 1
Quigley, Joseph	2739	5	July 16
Rossignol, W	2738	2	July 15
Rayford, W. W	2743	1	Aug. 4
Riley, W. H	2757	1	Nov. 23
Sigler, J. D	2708	8	Feb. 5
Shemettella, Theo	2712	1	Feb. 17
Smith, Alfred	2716	11	Mar. 15
Statham, Norman	2747	10	Aug. 27
Speed, Sipio	2756	7	Oct. 30
Thornton, T. W	2705	8	Jan. 26
Thiede, Oscar	2736	2	July 9
Webb, T. F	2749	6	Feb. 10
Williams, W. M	2751	12	Feb. 21
Williams, Perry	2715	5	Mar. 15
Worden, E	2718	9	Mar. 22
Wright, J. B	2733	10	June 26
Special pilots.			
Mitchell, Charles T	2724	1	Apr. 24
Roberson, Joseph	2744	6	Aug. 10
Tupper, R	2707	2	Feb. 5

Joint pilots and engineers licensed during the year ended December 31, 1897—Savannah, Ga.

Budd, G. W	758	1	June 19
Davis, Jos	752	1	Jan. 31
Deveraux, D. H	765	1	Nov. 5
Eastman, Edson A	757	6	June 10
Foster, Jas. L	753	6	Mar. 15
Hazzard, W. J	755	1	May 7
Halton, T. L	762	2	Feb. 21
Jenkens, G. W. S	760	2	July 16
Jackson, O. V	763	1	Oct. 5
Lapham, Jalma	756	8	June 10
Moore, Rit B	759	4	June 22
Potter, Robert J	764	1	Oct. 7
Smith, J. W	751	3	Jan. 24
Walton, J. H	764	1	Sept. 4
Whitmire, J. H	754	4	May 7

Engineers licensed during the year ended December 31, 1897—Savannah, Ga.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean).			
Bostock, Samuel	9628	23	Mar. 15
Braxton, T. C	9637	19	Apr. 9
Barr, F. M	12332	8	Nov. 29
Colding, H. S	9614	15	Feb. 9
Collins, Michael	9620	25	Feb. 19
Carter, J. J	9641	17	Apr. 15
Courier, J. F	9644	21	Apr. 30
Campbell, W. O	9660	10	June 2
Clark, D. C	12307	8	Oct. 7
Christie, W. R	12314	17	Oct. 27
Cornell, A. W	12328	11	Nov. 18
Dart, G. B	9684	16	Aug. 13
Davis, John	12316	17	Oct. 28
Deveraux, D. H	12317	11	Oct. 30
Duncan, James	12337	25	Dec. 15
Fox, W. H	9619	19	Feb. 19
Fitzgerald, E. B	9626	20	Mar. 15
Gross, Charles W	9636	22	Apr. 5
Hearring, W. H	9611	4	Jan. 27
Herring, J. J	9694	10	Aug. 30
Howard, C. W	9696	15	Sept. 10
Hearn, William	9687	15	Aug. 13
Kearney, James	9695	14	Sept. 7
Kelly, James	9633	18	Mar. 30
Kenney, John	9657	11	June 4
King, T. E	12308	10	Oct. 8
Lindfors, C. V	9610	12	Jan. 21
Maher, Geo. B	9645	6	Apr. 30
Muller, John	9700	5	Sept. 13
Nesselquist, John	9618	12	Feb. 17
O'Sullivan, Patrick	9675	10	July 9
O'Keefe, M. J	12323	21	Nov. 10
Phillips, Hiram	9654	16	May 24
Purdy, W. C	12301	17	Sept. 22
Percy, J. E	12302	10	Sept. 24
Ranier, C. E	9656	25	May 25
Raffo, S. L	9658	8	June 2
Russell, C. W	9679	5	July 20
Smith, J. C	9643	3	Apr. 27
Smith, Louis B	9647	9	May 6
Singleton, H. M	9671	5	June 5
Sykes, Luther	9780	18	July 27
Slocum, Albert L	12322	13	Nov. 9
Stevenson, John	12338	15	Dec. 15
Thorsen, Arthur	9688	6	Aug. 14
Usina, M. N	9673	7	July 9
Ulmo, H. C	12306	34	Sept. 28
Vandeveer, Peter	12334	38	Nov. 29
Vail, Thomas	9681	7	Aug. 3
Walton, W. T	9668	18	June 22
Walton, Thomas H	12345	14	Dec. 29
Chief engineers (bay and sound).			
Baker, Thomas	9670	25	June 25
Brewer, J. J	12312	16	Oct. 26
Carthey, P. P	9603	21	June 11
Craig, Seward A	9692	29	Aug. 27
Dart, W. R	9672	14	June 30
Ezekiel, J. W	12324	31	Nov. 12
Fernandez, A	9615	7	Feb. 9
Fitzgerald, Thomas	9650	17	May 22
Fitzgerald, J. B	9648	23	May 7
Haile, J. C	9606	6	Jan. 18
Healy, Thomas F	12342	20	Dec. 21
Hills, W. B	9669	23	June 26
Mare, Robert	9667	20	June 21
Parry, G. H	9655	8	May 24
Raffo, J. S	9661	21	June 2
Smith, G. W	9683	22	Aug. 13
Chief engineers (inland.)			
Ames, W. C	9635	4	Apr. 3
Atkinson, H. L	9689	18	Aug. 24
Chief engineers (inland)—Continued.			
Brannen, George T	12318	5	Nov. 4
Burke, Jacob	12343	12	Dec. 27
Braswell, S. D	9625	2	Mar. 9
Burr, H. P	9638	11	Apr. 9
Brannon, R. L	9639	8	Apr. 12
Bandy, G. W	9640	15	Apr. 14
Collison, W. C	9674	20	Jan. 9
Craggs, J. H	12339	17	Dec. 17
Chase, Joseph	9601	18	Jan. 6
Cook, H. S	9621	9	Feb. 25
Cuthbert, E. C	9659	12	June 2
Dreijer, A	9616	10	Feb. 10
Daniels, B. H	9685	14	Aug. 13
Diseker, J. H	12305	5	Sept. 28
Fitchett, J. S	9602	10	Jan. 6
Fletcher, William	12341	24	Dec. 20
Geiss, William	9609	4	Jan. 21
Goodrich, James	9649	10	May 10
Graham, J. M	12344	12	Dec. 29
Haupt, J. A	9624	14	Mar. 8
Houston, George C	9642	8	Sept. 16
Hay, A. P	9698	2	Sept. 7
Harper, R. G	12303	12	Sept. 27
Judkins, A. W	9607	3	Jan. 20
Johnson, A	9629	6	Mar. 15
Judkins, J. H	9632	26	Mar. 22
Jones, T. J	9662	7	June 2
Johnson, D. M	9666	15	June 11
Johnson, W. R	9697	10	Sept. 7
Kennon, C. W	12333	14	Nov. 29
Lamon, T. S	9608	17	Jan. 20
Lewis, John G	9652	5	May 22
Lucree, Frank	9664	4	June 10
Lamon, W. F	12330	14	Nov. 23
Lloyd, W. R	12311	13	Oct. 12
Lawless, L. W	9678	17	July 10
Murray, John	9612	20	Feb. 5
Matheney, C. A	9627	14	Mar. 15
Morris, J. J	9651	15	May 24
Markham, M. V	9653	1	May 25
Montmollin, John S. de	9665	15	June 10
Mitchell, George W	9699	7	Sept. 10
Miller, Alvin	12304	15	Sept. 27
Myers, John	12315	7	Oct. 27
Muir, Edwin	12310	10	Oct. 11
McCauley, Sonnel P	12326	5	Nov. 15
Mintz, W. H	12331	14	Nov. 29
Pacetty, A. F	9676	26	July 10
Pacetty, John F	9677	22	Do.
Purdy, C. E	9622	22	Feb. 27
Palmer, George	9623	10	Mar. 6
Pritchard, John J	12319	4	Nov. 4
Porter, W. J	9690	15	Aug. 25
Philips, F. E	9693	14	Aug. 27
Ryan, William	12313	20	Oct. 27
Reynolds, J. W	9605	14	Jan. 16
Ryals, W. R	9617	13	Feb. 17
Register, Michael	9663	16	June 2
Rourke, John	9691	3	Aug. 25
Ramsey, E. E	12320	21	Nov. 5
Sofield, W. R	9604	19	Jan. 16
Strobhar, John B	9630	11	Mar. 18
Seelman, John	12309	8	Oct. 8
Strickland, C. W	12321	11	Nov. 9
Shepherd, A. T	12325	16	Nov. 13
Stewart, John	12336	12	Dec. 9
Sanders, Scott B	12340	10	Dec. 18
Tompkins, T. C	9613	19	Feb. 9
Terry, E. D	9631	5	Mar. 18
Thornton, W. G	9634	10	Mar. 30
Williams, Jos. W	9646	6	May 6
Wrye, W. E	9682	9	Aug. 13
Watson, W. R	9686	6	Do.
Wenz, Albert E	12327	7	Nov. 18
Wilson, A. P	12329	11	Do.
Williamson, C. A	12335	12	Nov. 29

Engineers licensed—Savannah, Ga.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Bacon, Turpin	3544	2	Sept. 14
Brower, George J	3531	8	July 16
Brown, Henry S	3515	2	Apr. 30
Brown Samuel	3540	5	Sept. 21
Campbell, E. A	3533	15	July 19
Dawson, R. J	3543	2	Oct. 8
Dart, H. L	3511	1	Mar. 31
Ellis, V. A. N	3536	7	July 28
Firth, Luther	3522	3	June 8
Gould, S. R. P	3549	4	Nov. 9
Hough, J. M	3548	4	Oct. 30
Hopkins, Daniel	3532	15	July 16
Kinney, C. B	3525	5	June 29
Long, C. T	3506	1	Feb. 5
Mills, Daniel	3520	14	June 5
Marr, R. H	3519	3	May 29
Mann, M. C	3553	7	Dec. 8
Russell, John	3539	2	Sept. 7
Ratcliffe, H. E	3504	2	Jan. 23
Sullivan, Sylvester	3523	6	June 10
Southmayd, John	3528	17	July 2
Thiede, Oscar	3529	2	July 9
Twiggs, A. J	3542	4	Oct. 1
Van Dorn, W	3516	11	Apr. 30
First assistant engineers (ocean).			
Albue, Oluf	3518	8	May 14
Davis, William	3526	19	July 1
Flint, C. L	3524	14	June 21
Foster, C. W	3501	14	Jan. 2
Mânan, John J	3335	14	July 22
Ormeston, Edward	2527	34	July 1
Wilson, Harry M	3521	6	June 8
Second assistant engineers (ocean).			
Burns, A. D	3514	3	Apr. 24
Second assistant engineers (ocean)—Continued.			
Brooks, R. P	3555	6	Dec. 13
Malloy, Thomas	3509	3	Mar. 29
Malloy, Peter	3547	6	Oct. 29
Stanford, E. F	3550	3	Nov. 13
Stewart, Harry	3545	5	Oct. 26
Traynor, William	3512	6	Apr. 6
Third assistant engineers (ocean).			
Conaty, Patrick	3502	1	Jan. 3
Daly, T. F	3552	1	Nov. 26
Harrison, Daniel	3510	1	Mar. 31
Jordan, Michael	3541	7	Sept. 23
Paine, Edward, jr	3513	2	Apr. 19
Parry, Dowd	3551	1	Nov. 15
Phillips, J. W	3508	1	Mar. 20
Salter, W. L	3538	13	Aug. 12
Assistant engineers (inland).			
Huntingdon, J. W	3503	3	Jan. 18
Latimer, R. M	3554	9	Dec. 10
Meyer, Rudolph	3530	15	July 14
Martinson, Martin	3517	3	May 7
Wade, M. D	3537	2	Aug. 10
Special engineers.			
Boyle, William	3556	1	Dec. 23
Dasher, William	3507	10	Mar. 15
Durward, James	1502	13	Do.
Drayton, David	1503	1	Apr. 15
Freeman, John R	1504	4	Sept. 7
Hardee, John R	1505	3	Sept. 21
Harmon, Cain	1506	1	Sept. 27
Williams, C. N	3534	2	July 20
Walker, J. G	3546	3	Oct. 27
Watson, W. J	3505	3	Jan. 29

LOCAL DISTRICT OF JACKSONVILLE, FLA.

Masters licensed during the year ended December 31, 1897—Jacksonville, Fla.

Name.	No. of license.	No. of issue.	Date of issue.
Gilbert, Marshall C	9755	8	June 4
Hammant, Henry Chas	9794	2	Oct. 30

Masters and pilots licensed during the year ended December 31, 1897—Jacksonville, Fla.

Allen, Daniel H	9759	15	June 8
Anshutz, Charles L	9781	1	Sept. 8
Amazeen, John L	13608	22	Dec. 13
Brock, Charles H	9703	26	Jan. 6
Broward, Napoleon A	9712	2	Jan. 30
Brown, Augustus W	9715	10	Feb. 4
Buie, A. W	9743	15	Apr. 19
Broward, Montcalm	9767	18	July 14
Bravo, Stephen A	9769	18	July 21
Brooks, William A	9795	25	Nov. 13
Biggs, William H	13601	16	Nov. 29
Creaser, Thomas	9702	18	Jan. 6
Cable, Henry L	9746	20	May 6
Conklin, De Witt C	9748	10	May 7
Colee, James L	9749	2	May 8
Chichester, W. O	9776	12	Aug. 10
Coleman, Michael V	13606	3	Dec. 7
De Grove, Henry D	9736	16	Apr. 7
Douglass, Alex. M., sr.	9739	9	Apr. 13
Douglass, Roderick	9753	16	May 18
Dennette, Samuel L	9758	17	June 7
Davis, Thomas S	9763	1	July 9
Dunham, David A	9766	34	July 14
Douglass, Alex. M., jr.	9797	2	Nov. 18
Emery, Charles H	9731	18	Mar. 24
Floyd, Stephen	9701	2	Jan. 6
Fulton, Charles	9709	12	Jan. 27
Fischer, Christian F	9722	15	Feb. 24
Floyd, Theodore B	9727	14	Mar. 6
Floyd, Charles E	9732	18	Mar. 26

Masters and pilots licensed—Jacksonville, Fla.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Fetting, Carl A	9733	8	Apr. 1	McIntyre, William H	9734	26	Apr. 1
Fromberger, Henry B	9756	11	June 4	Miranda, Frank A	9774	17	Aug. 4
Fulford, W. H	9792	18	Oct. 23	Merritt, D. W	9780	11	Sept. 4
Fozzard, Harry	13607	1	Dec. 11	McNelty, William T	9782	19	Sept. 11
Fitz Hugh, N. R., jr	13609	15	Dec. 14	Mercier, George J	9788	22	Oct. 16
Garner, Charles E	9728	16	Mar. 9	Myers, John W	9789	2	Do.
Gleason, George G	9764	8	July 12	McCarthy, R. J	9791	7	Oct. 19
Gilmore, Frederick A	9772	11	July 30	Moore, Will. H	9799	12	Nov. 24
Greatorex, Frank H., sr	9775	11	Aug. 9	Merrill, James E	9800	8	Nov. 29
Gibbs, S. S	9784	13	Sept. 28	McCurdy, W. H	13613	13	Dec. 30
Gordon, Robert D	9785	9	Sept. 29	O'Farrell, John	9750	15	May 11
Harrison, William H	9735	13	Apr. 6	Payne, Frank R	9730	22	Mar. 22
Houston, Frank	9744	8	Apr. 19	Phares, A. J., jr	9752	1	May 17
Henson, Fletcher	9777	2	Aug. 12	Pryor, George H	9779	13	Sept. 2
Hallowes, William A	9790	21	Oct. 16	Parsons, J. B	9783	22	Sept. 27
Hall, Isaac C	9798	25	Nov. 20	Partridge, Benjamin S	9786	9	Oct. 2
Houston, John	13612	12	Dec. 28	Paddison, R. T	13602	26	Nov. 29
Jones, William T	9708	26	Jan. 23	Potter, A. B	13610	15	Dec. 16
Johnson, Bradish W	9773	12	Aug. 3	Rhoades, John F	9716	13	Feb. 4
Kemble, Edmund	9706	15	Jan. 23	Roberts, William H	9793	1	Oct. 25
Kemps, David	9707	19	Jan. 29	Slattery, Michael J	9737	17	Apr. 9
Knight, Calvin E	9787	12	Oct. 4	Schoonmaker, Charles J	9738	13	Apr. 10
Lovelace, John A	9705	15	Jan. 15	Smith, Joseph H	9745	26	May 3
Lund, Thomas W., jr	9711	24	Jan. 28	Santina, Frank A	9751	2	May 13
Lamee, Frank W	9719	22	Feb. 18	Sabate, Francis S	9754	7	June 1
Lansing, Frank B	9724	14	Mar. 3	Spiers, W. B	9760	1	June 8
L'Engle, John C	9725	9	Mar. 5	Shaw, William A	9761	27	June 11
Loder, Robert	9740	29	Apr. 14	Somers, Samuel B	13603	17	Nov. 30
Lourcy, William M	9741	14	Apr. 15	Sheldon, R. S	13604	1	Dec. 5
Long, Marvin W	9757	11	June 4	Thompson, Harry A	9713	1	Feb. 1
Lucas, J. E	9762	19	June 30	Taylor, Charles E	9717	11	Feb. 6
Lewis, William T	9770	1	July 24	Terry, James C	9765	17	July 13
Letson, Benjamin F	13605	15	Dec. 7	Tuttle, E. S	9768	10	July 19
La Bree, S. M	13611	12	Dec. 18	Thompson, Sylvester B	9771	15	July 28
Munson, Charles B	9704	14	Jan. 9	Vogel, Leopold	9796	25	Nov. 15
Miller, John W	9718	33	Feb. 6	White, H. L	9710	15	Jan. 27
McCormick, Wm. H	9720	13	Feb. 19	Walker, E, B	9714	15	Feb. 2
Manucy, Philip J	9721	19	Feb. 23	Watson, Charles H	9742	9	Apr. 15
McCotter, Charles R	9723	13	Mar. 2	Wallace, George W	9747	17	May 7
Matheson, John S	9726	15	Mar. 5	Watson, William B	9778	10	Aug. 18
Manucy, Joseph	9729	16	Mar. 13				

Mates licensed during the year ended December 31, 1897—Jacksonville, Fla.

Dennette, Frank	1251	15	May 17	Rogers, John H	1253	12	Do.
Rastad, Andrew K	1252	7	Dec. 23				

Pilots licensed during the year ended December 31, 1897—Jacksonville, Fla.

First-class pilots.				*First-class pilots*—Continued.			
Allen, Edward C	2329	18	July 9	Myers, Beckman	2301	20	Jan. 6
Butler, Albert	2338	17	Nov. 13	Martin, John	2302	10	Jan. 11
Counts, Henry	2310	21	Feb. 19	Miller, Lewis C	2312	11	Mar. 27
Davis, Henderson	2309	17	Jan. 29	Merrill, Alexander R	2324	2	May 24
Davis, Rufus W	2320	9	June 30	Myers, Emanuel	2326	8	June 14
Daniels, John V	2330	4	July 16	Mickler, Edward J	2341	11	Nov. 20
Escridge, Daniel W	2339	25	Nov. 16	Page, Samuel C	2304	1	Jan. 14
Falana, James	2327	14	June 30	Payne, James A	2316	7	Apr. 14
Fitzhugh, N. R., sr	2342	9	Nov. 30	Pacetti, B. A	2317	12	Apr. 24
Gleason, W. H. H	2334	7	Sept. 7	Proskey, Winfield S	2340	8	Nov. 20
Harris, John E	2306	1	Jan. 23	Rossignol, Frederick E.	2337	1	Nov. 4
Haywood, Samuel C	2307	10	Jan. 26	Spaulding, George W	2305	7	Jan. 15
Hyde, Conrad C	2321	2	May 11	Simmons, Thomas A	2308	17	Jan. 27
Hansen, Edward	2331	1	Aug. 10	Spencer, Charles	2314	18	Mar. 30
Hodgson, Henry W	2333	10	Aug. 26	Saunches, Joseph S	2325	14	June 14
Henry, Augustus	2343	16	Dec. 8	Williams, George W	2303	6	Jan. 14
Iwanowski, Alexander	2323	12	May 19	White, John	2311	15	Mar. 20
Jennings, Salomon	2315	21	Apr. 10	Washington, John W	2313	18	Mar. 29
Johnson, Edwin H	2335	1	Sept. 15	Wilson, Robert	2322	19	May 18
Kean, Edward M	2328	8	July 8				
Kitchell, William M	2332	11	Aug. 14	*Second-class pilots.*			
Kean, Lawrence H	2336	1	Sept. 30				
Lewis, John	2318	24	Apr. 24	Anders, George D	2853	1	July 30
Lauther, J. C	2319	5	Apr. 30	Aubert, Emile D	2861	7	Sept. 20

Pilots licensed—Jacksonville, Fla.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Anno, James W	2870	9	Nov. 9
Austin, M. J	2874	1	Nov. 16
Barnett, John W	2805	4	Jan. 29
Brown, John	2812	11	Feb. 15
Barber, Lucius H	2818	8	Feb. 19
Brooks, Samuel G	2819	2	Do.
Bostrom, C. G	2844	6	July 19
Burke, Thomas P	2849	8	July 24
Beerbower, Casper C	2852	3	July 30
Ballough, James	2857	11	Aug. 26
Brown, Harmon	2862	8	Sept. 29
Blanchard, Jos. A. S	2876	9	Nov. 19
Corbett, T. F	2829	14	Apr. 14
Christopher, John R	2858	4	Aug. 27
Casmiuski, Lewis	2867	10	Oct. 19
Crawford, M. J	2873	11	Nov. 15
Canova, Antonio J	2886	2	Dec. 30
De Cottes, George A	2897	9	Jan. 30
Downing, Fred M	2855	3	Aug. 17
Eining, John	2815	3	Feb. 16
English, Mitchell E	2823	6	Mar. 8
Ford, Albert A	2851	6	July 29
Fromberger, J. H	2863	5	Oct. 5
Garritt, James	2803	23	Jan. 15
Graham, Edward	2808	1	Jan. 30
Geer, Evered E	2821	4	Feb. 26
Green, Anderson W	2827	4	Apr. 5
Hoke, Robled D	2814	5	Feb. 16
Hendrickson, U. D	2838	7	June 11
Hickson, Joseph J	2839	6	June 30
Howard, James H	2866	5	Oct. 14
Hodges, Henry A	2871	2	Nov. 11
Jefford, Samuel L	2816	6	Feb. 16
Jarvis, William	2842	6	July 7
Kemps, David, jr	2824	1	Mar. 18
Leavitt, Charles S	2804	6	Jan. 23
Lansing, Charles W	2869	6	Nov. 9
Mier, John A	2831	7	Apr. 24
Marzyck, Joseph	2865	1	Oct. 12
Moore, Walter R	2887	1	Dec. 30
Nesbitt, W. J	2812	3	Feb. 16
Norton, W. C	2832	11	May 10
Nauman, George B	2880	1	Dec. 8
Pierce, Charles W	2817	5	Feb. 17
Second-class pilots—Continued.			
Pallicer, Louis	2859	11	Aug. 28
Payson, Frank M	2877	4	Nov. 27
Russell, W. H	2846	4	July 20
Scott, John M	2836	1	May 19
Sykes, James W	2837	8	June 11
Sloan, Henry J	2843	7	July 8
Stallings, D. B	2845	5	July 19
Smith, Louis K	2868	4	Oct. 23
Thompson, Edwin A	2801	8	Jan. 7
Van Dorn, Henry	2822	12	Mar. 6
Vanderpool, Eugene	2875	11	Nov. 17
Wardwell, S. H., jr	2826	8	Mar. 30
Washington, Thos. W	2856	6	Aug. 24
White, James L	2885	9	Dec. 30
Special pilots.			
Averette, Charles F	2840	1	June 30
Bland, J. J. H	2825	1	Mar. 29
Brown, Samuel	2830	1	Apr. 15
Broughton, George F	2835	5	May 17
Bennett, W. S	2848	2	July 21
Curtis, Thomas F	2806	2	Jan. 30
Crotty, George S	2834	2	May 13
Cone, Peter	2841	2	July 21
Causey, Erastus O	3854	2	Aug. 2
Carpe, Charles H	2860	1	Sept. 20
Enslow, William H	2810	1	Feb. 3
Evans, Alfred M	2882	1	Dec. 15
Floyd, David	2802	2	Jan. 9
Gibson, Allen	2847	2	July 20
Goode, Alexander J	2884	1	Dec. 23
Haenel, Henry	2809	1	Feb. 2
Herndon, E. H	2820	4	Feb. 24
Houston, Edward W	2850	2	July 27
Kerrison, John D	2811	2	Feb. 4
La Bree, Loretto R	2864	2	Oct. 9
Morton, George W	2879	2	Nov. 30
McLean, John M	2883	3	Dec. 23
Richards, Daniel	2872	3	Nov. 11
Ramsey, Milton M	2878	1	Nov. 29
Tilghman, John Q	2828	5	Apr. 10
Yandel, R. A	2833	7	May 11
Young, Charles J	2881	1	Dec. 13

Joint pilots and engineers licensed during the year ended December 31, 1897—Jacksonville, Fla.

Benton, Lewis D	804	4	Feb. 17
Babbitt, W. C	805	1	Feb. 23
Brown, Andrew L	813	7	May 20
Butler, Charles F	821	1	Sept. 28
Bracey, H. V	831	3	Dec. 8
Carter, Frank C	808	2	Mar. 23
Cummer, Waldo E	823	1	Nov. 8
Cummer, Arthur	830	1	Dec. 4
Fitzhugh, N. R., sr	818	2	June 26
Foster, Alfred	826	1	Nov. 26
Ford, H. A	828	1	Do.
Ford, F. H	829	1	Do.
Gifford, C. B	803	1	Feb. 4
Gowin, Warren	814	6	June 1
Gardner, John F	817	5	June 21
Gibson, William L	834	4	Dec. 29
Hutchinson, Fred C	801	1	Jan. 30
Hubbard, George W	807	6	Feb. 26
Hall, E. Vesey	812	1	May 5
Hoffman, John W	824	6	Nov. 11
Hodges, Freeman S	832	1	Dec. 9
Knox, Leonard B	811	2	Apr. 30
Lamb, Thomas S	809	2	Apr 6
Loomis, George W	833	5	Dec. 13
McMillan, William J	819	1	Apr. 23
Maude, Frederick S. A	815	2	June 14
Neve, Walter	816	2	Do.
Phares, A. J., sr	820	7	Sept. 10
Spencer, Melville E	802	6	Feb. 3
Smith, Hamilton A	819	1	June 30
Stuart, James D	822	1	Oct. 30
Taylor, Charles C	825	2	Nov. 25
Torrey, Joseph G	827	1	Nov. 26
Worthy, J. L	806	6	Feb. 26

Engineers licensed during the year ended December 31, 1897—Jacksonville, Fla.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean).			
Brock, Frank J	9793	5	June 11
Barker, Richard F	9798	28	Dec. 10
Colbert, Charles B	9707	22	Jan. 25
Davis, George R	9708	21	Jan. 29
Darcy, John J	9749	22	May 20
Dunn, John	9779	24	Sept. 24
Gilmore, James R	9741	8	May 8
Manning, James	9780	18	Oct. 6
Nelms, Robt. Z	9742	22	May 8
Nolan, Frederick T	9767	17	July 29
Phillips, Paul G	9725	26	Mar. 23
Phillips, John L	9768	30	July 31
Parry, John T	9769	30	Aug. 3
Stevens, Arthur D	9730	8	Mar. 27
Spencer, Charles A	9790	23	Dec. 13
Trueworthy, Walter J	9774	15	Aug. 19
Ulmo, Peter	9771	29	Aug. 4
Chief engineers (inland).			
Anderson, John A	9734	5	Apr. 6
Adams, Henry	9795	7	Dec. 4
Bravo, John C	9720	14	Mar. 6
Broughton, Frank E	9726	7	Mar. 23
Broadstreet, Wm. G	9740	14	May 3
Bowman, W. G	9763	19	July 22
Browher, Thomas	9782	24	Oct. 6
Boone, Wm. D	9784	3	Oct. 9
Barker, John R	9786	9	Oct. 25
Burrows, Charles	9787	4	Oct. 26
Bie, Ingvald	9800	9	Dec. 14
Conklin, Gilbert R	9704	17	Jan. 23
Cash, C. H	9712	22	Feb. 6
Cottrell, Joseph B	9721	10	Mar. 8
Cleaver, John	9731	14	Mar. 27
Copp, Frank A	9765	8	July 28
Cutting, L. D	9739	16	May 3
Devall, John W	9717	24	Mar. 3
Downing, George A	9723	10	Mar. 20
Elder, C. H	9713	25	Feb. 15
Ellis, F. W	9755	21	June 11
Einig, John	9777	14	Sept. 4
Farley, Wm. H	9763	18	Jan. 23
Fitzhugh, I. Lynde	9759	6	July 8
Forrester, Charles A	9761	10	July 9
Fortune, John G	9791	19	Nov. 19
Fitzhugh, N. R., jr	9799	12	Dec. 14
Fitzhugh, N. R., sr	13501	15	Dec. 17
Gehlbach, Frederick	9733	7	Apr. 3
Hodgson, Alex. R	9702	10	Jan. 12
Hunter, Wm. J	9715	23	Feb. 23
Hood, John T	9722	7	Mar. 13
Haines, Kendall	9727	8	Mar. 27
Haenel, Henry	9747	13	May 17
Hickson, Jos. J	9754	5	June 11
Holliman, Louis	9775	15	Aug. 26
Hosmer, George T	9789	17	Nov. 9
Jay, T. W	9718	10	Mar. 3
Johnson, Charles W	9737	4	Apr. 30
King, Paul H	9724	15	Mar. 23
Kellar, Thomas	9773	31	Aug. 16
Kennedy, Orlando	9793	11	Nov. 23
Kitchell, Wm. C	9797	5	Dec. 7
Lauther, J. C	9716	5	Feb. 23
Lamee, James I	9735	14	Apr. 10
Lund, Thos. W., jr	9750	5	June 1
Lamee, William	9756	13	June 26
Lucas, J. E	9757	8	June 30
Leach, Alfred M	9788	4	Oct. 26
Morgan, Edward M	9705	16	Jan. 23
Merrill, Alex. R	9719	9	Mar. 3
Mansour, Hamet	9732	31	Apr. 1
McIntyre, Leander	9738	19	May 3
Merrill, James E	9758	5	June 30
Murwin, Theo. A	9760	5	July 8
Chief engineers (inland)—Continued.			
Masters, Walter E	9772	20	Aug. 14
Nelms, Robt. P	9781	7	Oct. 7
Palmer, J. R	9709	12	Feb. 2
Price, Harry C	9736	18	Apr. 17
Payne, Marion L	9783	10	Oct. 9
Parker, Cooper	9794	18	Nov. 26
Quinlivan, James R	9785	4	Oct. 5
Richardson, Walter R	9701	4	Jan. 12
Ritter, James A	9748	10	May 19
Rossignol, F. E	9766	16	July 29
Spencer, Melville E	9710	5	Feb. 3
Simpkins, John J	9714	19	Feb. 18
Smith, James	9728	7	Mar. 27
Sloan, Jos., jr	9743	7	May 10
Stanton, John	9745	15	May 14
Stoddard, A. C	9751	18	June 4
Stone, Edwin M	9752	18	Do.
Sloan, Charles	9764	3	July 27
Stinhusen, Frank	9778	14	Sept. 11
Sloan, Henry J	9792	13	Nov. 23
Tiencken, John H	9706	13	Jan. 23
Thompson, Thomas J	9711	5	Feb. 4
Thompson, Frank	9729	7	Mar. 27
Tompkins, John B	9796	7	Dec. 7
Vurgason, Fred M	9770	6	Aug. 4
Willsley, John C	9744	26	May 14
Wester, Jas. J	9746	5	May 17
Ward, Franklyn B	9762	15	July 13
Whitaker, Frederick	9776	14	Aug. 31
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Ballough, C. A	3624	11	Aug. 30
Bellamy, W. T	3627	1	Sept. 22
Collins, A. W	3616	4	June 11
Corbett, T. F	3617	14	June 21
Davis, James C	3628	1	Oct. 7
Grady, Abraham	3614	12	May 3
Harris, John E	3605	7	Jan. 23
Herndon, E. H	3608	2	Feb. 15
Henderson, Cyrus	3615	16	June 4
Houston, John	3635	6	Dec. 28
Johnson, Peter	3607	2	Feb. 8
Jackson, Andrew	3626	15	Sept. 18
La Bree, L. R	3629	8	Oct. 9
Lansing, Chas. W	3634	5	Dec. 23
Myers, Wm. H	3602	3	Jan. 7
Merchant, C. E	3613	9	Apr. 24
Miller, Rufus C	3619	6	July 30
Murphy, Edwin	3630	1	Nov. 5
Martin, Henry	3631	14	Nov. 27
Nesbitt, W. J	3636	8	Dec. 30
Parsons, Amanda A	3618	1	July 8
Pacetty, Willis H	3621	3	Aug. 10
Phares, A. J., jr	3633	4	Dec. 10
Rowell, Edward	3603	11	Jan. 13
Stewart, Roy H	3612	5	Apr. 14
Van Dorn, Henry	3610	7	Mar. 13
Voss, Fred'k C	3623	11	Aug. 28
Wardwell, J. B	3609	7	Feb. 15
Wiley, Wm. R	3632	13	Nov. 30
Second assistant engineer (ocean).			
Darcy, James C	3620	3	Aug. 9
Assistant engineers (inland).			
Bennett, Edwin S	3601	1	Jan. 5
Beale, George F	3604	1	Jan. 14
Broward, Edward C	3625	1	Aug. 31
Boyd, W. M	3611	4	Apr. 10

Engineers licensed—Jacksonville, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special engineers.				*Special engineers*—Continued.			
Babington, Wm. C	1603	2	Feb. 26	Loomis, Elton	1616	1	Dec. 21
Crowell, Jos	1601	6	Jan. 7	Mattox, George F	1606	1	May 4
Curtis, Charles H	1604	2	Mar. 6	Mann, C. A	3622	4	Aug. 13
Cone, Peter	1612	3	Sept. 14	Osteen, James A	1607	2	June 21
Corpe, A. C	1613	1	Sept. 20	Pigue, John C	1615	1	Nov. 4
Fowler, Ed. S	1617	3	Dec. 23	Schultz, Harry	1602	4	Feb. 15
Fox, Robt. L	1619	1	Dec. 24	Shrier, Andrew J	1608	1	June 21
Harris, Clifton K	1618	2	Dec. 23	Summerall, Morris E	1609	1	July 8
Kerrison, John D	3606	4	Feb. 4	Stokes, Pompy	1611	3	Sept. 8
Lansing, Frank B	1610	2	Aug. 23	Triesback, L. Wallace	1605	3	Apr. 23
Lawless, James F	1614	1	Oct. 12				

FOURTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF ST. LOUIS.

Masters licensed during the year ended December 31, 1897—St. Louis, Mo.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Anderson, Ole	4428	1	July 13	Jorgenson, Nils Martin	4285	3	Apr. 3
Allen, Boone	4453	13	July 29	Jenks, William A	4356	13	May 10
Able, Daniel	12746	15	Dec. 1	Joben, Joseph R	4390	16	June 16
Bevington, George W	4203	1	Jan. 4	Kennedy, James	4226	10	Feb. 13
Belt, George W	4207	14	Jan. 11	Kehne, Philip	4235	1	Feb. 23
Brolaski, Harry, jr	4317	6	Apr. 16	Killeen, John	4462	25	Aug. 9
Beale, George V	4333	7	Apr. 22	Laurence, Hiram	4279	6	Mar. 25
Buchheit, Francis E	4348	6	May 5	Lundbeck, William G	4298	10	Apr. 9
Brown, Louis	4363	1	May 14	Leyhe, Harry	4482	3	Aug. 25
Barker, Richard	4398	10	June 21	Lusk, Isaac P	12761	3	Dec. 31
Burke, William	4429	21	July 13	Marsh, Grant C	4270	6	Mar. 20
Burleigh, Charles L	4432	8	July 16	McCoy, Robert W	4336	6	Apr. 22
Block, Edmund W	4437	3	July 19	Murphy, Michael J	4377	1	May 28
Baumgaertner, Henry	4442	7	July 20	Michael, Martin	4477	18	Aug. 21
Burton, Byrd	12722	6	Oct. 18	McClatchey, William	12702	8	Sept. 25
Connors, Denis M	4232	10	Feb. 18	McLean, John J	12710	25	Oct. 6
Congar, B. A	4252	19	Mar. 5	Montague, George B	12749	1	Dec. 4
Curry, Eugene W	4497	2	Sept. 17	Nedaroy, Harry B	4416	2	July 2
Cubberly, L. H	12730	12	Oct. 29	Powell, E. R	4312	10	Apr. 14
Dodds, Samuel R	4204	2	Jan. 6	Powers, James	4338	6	Apr. 24
Dawley, A. L	4329	11	Apr. 20	Pavey, Reuben W	4486	11	Aug. 28
Devoy, James	4374	2	May 27	Perkins, Franklin	12705	3	Oct. 1
Dryden, Samuel	4424	4	July 10	Rouse, James W., jr	4342	3	Apr. 27
Davis, William A	4430	7	July 15	Riley, Jesse J	4347	9	May 5
Ern, John R	4461	5	Aug. 7	Rosche, Louis	4358	3	May 10
Etzkorn, John L	4475	3	Aug. 19	Ross, Thomas H	4417	5	July 3
Edwards, Samuel	12740	1	Nov. 19	Seymour, John M	4214	1	Feb. 1
Fairchild, Richard S	4227	15	Feb. 13	Sims, Thomas B	4293	12	Apr. 5
Fitzgerald, William	4386	15	June 10	Scarberry, Caleb P	4369	1	May 21
Griffith, John H	4271	15	Mar. 20	Sauer, Edmund J	4391	3	June 16
Grasty, James M	4360	1	May 12	Thompson, George W	4213	4	Feb. 1
Ghriest, W. C	4368	8	May 20	Thompson, Wm. L	4294	1	Apr. 6
Gill, Reuben	4460	16	Aug. 4	Temple, Benj. F	4319	5	Apr. 17
Grant, Mitchell W	12754	1	Dec 16	Taylor, James	4459	1	Aug. 3
Hauptmann, Peter	4215	6	Feb. 5	Taylor, Robert Lee	12731	3	Oct. 30
Hall, Aaron B	4259	5	Mar. 15	Trendley, Henry E	12755	27	Dec. 20
Hicks, Henry H	4277	22	Mar. 24	Veatch, Abbott	12741	14	Nov. 27
Howe, Cortez J	4316	4	Apr. 16	Wynn, John B	4307	4	Apr. 12
Handley, Manuel	4353	2	May 8	Willett, Wm. B	4324	1	Apr. 19
Haley, A. M	4438	9	July 19	Whitledge, R. J	4407	21	June 25
Hatcher, Napoleon B	4469	9	Aug. 17	Weaver, Tobias E	4468	1	Aug. 17
Hoben, William P	4479	3	Aug. 23	White, James B	12759	7	Dec. 30
Jenks, George H	4209	5	Jan. 22	Woods, Archie	12760	13	Dec. 31
Joyce, Austin J	4282	8	Mar. 30	Young, Edwin D	4455	6	July 31

Masters and pilots licensed during the year ended December 31, 1897—St. Louis, Mo.

Ames, Alonzo G	4253	19	Mar. 5	Blakeslee, Willard	4289	24	Apr. 3
Adams, Benj. F	4283	15	Apr. 2	Ball, Charles L	4295	8	Apr. 6
Anderson, Edward	4388	17	June 12	Birch, Richard E	4305	13	Apr. 12
Allen, James	4493	17	Sept. 8	Baxter, William	4306	4	Do.
Allen, George W	12709	21	Oct. 6	Berry, John E	4311	21	Apr. 14
Able, Charles B	12715	13	Oct. 11	Baker, Wm. W., jr	4313	14	Apr. 15
Burbach, Anthony	4216	23	Feb. 8	Bryan, A. S	4322	25	Apr. 19
Bagley, C. D	4221	3	Feb. 10	Bryson, Alonzo	4326	13	Apr. 20
Bixby, Horace E	4225	26	Feb. 12	Beard, William H	4359	12	May 11
Beaver, Nicholas	4236	14	Feb. 24	Best, James M	4372	18	May 24
Burnett, Frank	4245	8	Mar. 3	Boland, James P	4375	10	May 27
Brown, H. S	4250	19	Mar. 4	Boyle, Thomas F	4382	15	June 5
Bennett, George W	4263	12	Mar. 17	Bryan, Joseph W	4410	23	June 26
Blythe, John A	4284	17	Apr. 2	Brolaski, Harry W	4431	20	July 15

Masters and pilots licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Baldwin, Edward M	4452	16	July 28
Ball, Samuel M	4465	17	Aug. 16
Blackburn, Richard P	4467	16	Aug. 17
Basey, Dewitt C	4488	15	Sept. 3
Baker, Howard	4490	15	Sept. 6
Beedle, Hiram E	4500	2	Sept. 22
Brown, R. S	12733	21	Nov. 3
Burruss, David N	12737	15	Nov. 15
Carroll, John B	4240	8	Feb. 27
Calhoun, Julius F	4242	8	Mar. 1
Cahalan, Edward	4278	25	Mar. 25
Conyers, John	4308	10	Apr. 14
Crane, Jonathan	4349	21	May 6
Chadwick, Hanson M	4351	20	May 8
Coulter, Leroy	4355	14	Do.
Chapman, Mason	4395	26	June 18
Clark, William P	4403	16	June 22
Corey, William W	4412	15	June 28
Critchfield, Samuel A	4420	13	July 7
Collier, Alvin	4421	4	Do.
Collins, Charles E	4449	22	July 26
Curts, Charles W	4492	16	Sept. 8
Cade, William A	4496	22	Sept. 17
Crane, John C	12707	26	Oct. 4
Carroll, Joseph W	12718	20	Oct. 12
Crane, Harry N	12719	12	Oct. 13
Campbell, David	12736	14	Nov. 13
Crusen, John W	12743	12	Nov. 29
Donohue, James	4228	23	Feb. 15
Dryden, Joseph	4233	10	Feb. 19
Dodd, Henry N	4269	15	Mar. 20
Dean, James H	4280	16	Mar. 27
Day, L. A	4341	22	Apr. 27
Douglass, Julian	4373	20	May 25
Dryden, James W	4385	6	June 7
Daft, Frederick	4419	16	July 7
Dougherty, William J	4425	14	July 12
Davis, Charles M., jr	4427	6	Do.
Eagon, William C	4201	1	Jan. 2
Ebaugh, Frank C	4217	10	Feb. 9
Ebaugh, Charles S	4325	24	Apr. 20
Eades, A. B	4362	11	May 14
Evelyn, John B	12729	20	Oct. 29
Frelingsdorf, Wm. S	4211	22	Jan. 25
Farnsley, Frank R	4255	16	Mar. 8
Free, John I	4260	15	Mar. 16
Fitzhenry, Michael	4303	22	Apr. 10
Farris, Charles H	4354	16	May 8
Farris, J. Fred	4392	1	June 16
Fitchner, Martin	12720	21	Oct. 16
Farris, Jos. T	12724	3	Oct. 20
Farnsworth, George W	12742	24	Nov. 29
Garrison, Thomas A	4243	1	Mar. 1
Gordon, Archibald	4246	20	Mar. 3
Gulick, Samuel C	4265	23	Mar. 17
Good, James	4273	20	Mar. 22
Gillispie, Charles P	4290	26	Apr. 3
Gleeson, James	4310	9	Apr. 14
Grapevine, Wm. H	4335	22	Apr. 22
Gilham, John M	4365	26	May 17
Goeglein, Phillip	4381	6	June 4
Gilbert, Thomas H	4433	20	July 17
Gaines, Robert Lee	4436	7	July 19
Gibbons, M. J	4480	5	Aug. 24
Green, Harry B	12717	9	Oct. 12
Greenwell, Stephen E	12721	8	Oct. 18
Hill, Granderson	4224	14	Feb. 12
Hutchinson, J. B	4229	11	Feb. 17
Hall, Theo. F	4231	12	Feb. 18
Harper, John	4239	22	Feb. 26
Humphreys, Wm. H	4244	15	Mar. 3
Hook, George W	4262	18	Mar. 16
Hazlett, Hiram K	4301	13	Apr. 10
Hill, Albert J	4318	12	Apr. 17
Handlan, John J	4323	17	Apr. 19
Hoelscher, Frank H	4334	23	Apr. 22
Hammond, Wm. A	4371	17	May 22
Hamilton, John N	4378	26	May 29
Hight, Washington	4393	25	June 16
Heckmann, Wm. L	4408	16	June 25
Hiner, Augustus	4414	7	June 29
Hoffmann, George	4422	24	July 9
Harry, Milt R	4448	21	July 26
Hockridge, Thomas C	4466	11	Aug. 16
Harris, James L	4478	17	Aug. 23
Harpold, Riley	12713	10	Oct. 9
Hoelscher, Wm. F	12747	9	Dec. 2
Isherwood, R. F	4380	22	June 1
Ingold, Christian	12711	16	Oct. 6
Johnson, Richard M	4292	21	Apr. 5
Joplin, Otho K	4320	21	Apr. 17
Jolly, Sobieski	4346	17	Apr. 30
Jamison, Jesse T	12738	21	Nov. 16
Keiflein, John M	4222	21	Feb. 10
Kellogg, Edwin R	4230	14	Feb. 17
King, Martin K	4238	12	Feb. 25
Kelly, William	4314	15	Apr. 16
King, Frank	4352	6	May 8
Kountz, John T	4399	5	June 21
Keith, Henry	4401	21	Do.
Keener, C. C	4406	10	June 25
Kennedy, Edward	4409	9	June 26
Kelly, Michael L	4413	24	June 28
Kirkpatrick, D. W	4415	24	July 1
Keith, George G	4434	24	July 17
Kane, James M	4435	14	July 19
Kirns, Peter	4440	21	July 20
Kueter, Henry	4446	8	July 23
Kay, Perren	12704	10	Sept. 29
Kirkpatrick, R. R	12745	20	Dec. 1
Leyhe, Henry	4212	25	Jan. 30
Larson, Oliver	4223	3	Feb. 12
Little, James W	4247	26	Mar. 3
Lorens, Peyton	4276	22	Mar. 24
Lancaster, B. P	4287	11	Apr. 3
Leyhe, Henry W., jr	4302	7	Apr. 10
Lucas, N. B	4330	24	Apr. 21
Little, John M	4361	27	May 13
Leyhe, William H	4443	6	July 20
Ledger, Thomas	4451	15	July 27
Lightner, Albert S	4457	27	Aug. 2
Lingo, Wm. G	4476	18	Aug. 20
La Barge, Jos. C	4485	23	Aug. 28
Larson, Andrew	4499	20	Sept. 18
Luebben, John E	12708	18	Oct. 4
Lohman, L. C	12712	10	Oct. 7
Leach, John L	12727	20	Oct. 23
Leftridge, Joseph	12728	22	Oct. 25
Lancaster, Samuel E	12732	6	Nov. 1
La Barge, Joseph	12734	16	Nov. 3
Leyhe, William	12739	26	Nov. 17
Long, John H	12750	26	Dec. 6
Lynds, John H	12758	14	Dec. 29
McClellan, William	4234	24	Feb. 23
Martineau, John B	4248	4	Mar. 3
Montgomery, James W	4256	4	Mar. 8
Marsh, John R	4257	13	Mar. 12
McPherson, Edward B	4258	21	Mar. 13
Massie, John T	4261	26	Mar. 16
Murray, George W	4267	18	Mar. 19
Matson, Harrison	4274	9	Mar. 22
Moog, John J	4304	9	Apr. 12
Meyers, Frank S	4321	18	Apr. 19
McClellan, James	4328	13	Apr. 20
Montague, Wm. J	4332	20	Apr. 21
Molen, John G	4339	9	Apr. 24
McFarland, Milton	4340	18	Apr. 27
Moore, Hendley H	4344	6	Apr. 29
Monahan, Dennis	4357	15	May 10
McBride, John H	4376	25	May 28
Mefford, Jesse D	4389	15	June 15
McManus, Wm. D	4400	21	June 21
Mullen, Joseph W	4411	13	June 28
Moon, Louis L	4423	25	July 9
McCaffrey, Frank D	4445	4	July 22
McFarland, Edward H	4447	14	July 26
Michael, Peter	4458	16	Aug. 3
McCullough, Jos. E	4463	23	Aug. 13
Marshall, Robert M	4464	13	Aug. 16
Miller, Arthur W	12701	12	Sept. 23
Massie, Wm. R	12716	26	Oct. 11
Morris, David M	12725	16	Oct. 21

Masters and pilots licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Martin, Charles P	12748	9	Dec. 3	Sivley, Garland M	4394	4	June 17
Nelon, Michael D	4205	19	Jan. 7	Sivley, Harry S	4405	3	June 25
Neville, Joseph T	4237	8	Feb. 25	Stewart, Alexander	4441	24	July 20
Neville, Harvey	4299	17	Apr. 10	Schofield, Wm. H	4470	9	Aug. 18
Norman, Charles	12726	13	Oct. 23	Sturtevant, Carleton W	4484	1	Aug. 27
O'Neal, Charles W	4473	4	Aug. 19	Sackman, Henry	4489	13	Sept. 3
O'Neal, James	4487	22	Sept. 1	Smith, James S	4491	23	Sept. 7
Owen, Austin	4494	5	Sept. 10	Stevens, Richard C	12703	26	Sept. 27
O'Harra, Thomas	12723	10	Oct. 19	Sloan, Charles H	12706	19	Oct. 2
Partee, Henry C	4218	22	Feb. 9	Shrodes, Samuel J	12744	17	Nov. 30
Pinney, Nelson R	4266	17	Mar. 19	Smedley, William	12753	21	Dec. 16
Perkins, William	4291	13	Apr. 5	Till, James	4249	13	Mar. 3
Parker, Thomas, jr	4327	22	Apr. 20	Tully, M. C	4275	18	Mar. 23
Postal, Wm. C	4366	18	May 17	Tesson, Frank H	4343	19	Apr. 28
Roberts, Stephen A	4220	4	Feb. 10	Talbot, Richard A	4345	13	Apr. 29
Rollins, Wm. H., jr	4241	8	Feb. 27	Townsend, George E	4379	8	June 1
Roehrig, Robert	4251	11	Mar. 5	Torrence, George W	4471	14	Aug. 19
Ruby, Sheldon	4254	18	Mar. 6	Tilden, C. B	4472	19	Do.
Richardson, James	4309	26	Apr. 14	Toms, Samuel A	12757	27	Dec. 28
Richtman, Jacob	4370	18	May 22	Vandervoort, James L	4297	26	Apr. 9
Robey, C. S	4396	18	June 19	Voltz, Fred F	12735	4	Nov. 10
Ruxton, Alvan K	4397	8	Do.	Winters, John G	4210	4	Jan. 22
Richtman, Jacob M	4418	6	July 5	Wild, Franklin	4331	25	Apr. 21
Roberts, Wm	4456	21	July 31	Williams, James E	4364	1	May 14
Rhodes, Thomas	4474	18	Aug. 19	Wohlt, Gustave	4383	14	June 7
Rollins, John E	4481	13	Aug. 25	Wilbur, Henry	4384	21	Do.
Renfrow, Joseph W	4498	25	Sept. 17	Watson, Hiram A	4404	6	June 24
Roberts, Joseph	12714	18	Oct. 11	Williams, C. E	4426	19	July 12
Ruby, O. M	12756	20	Dec. 24	West, Orlando L	4439	7	July 20
Shea, Jeremiah W	4206	13	Jan. 8	Woodward, Geo. G., jr	4444	8	July 22
Schulte, John A	4208	14	Jan. 14	Winship, Frank Hardin	4483	2	Aug. 26
Shermeyer, Edward F	4264	12	Mar. 17	Williams, N. B	4495	19	Sept. 15
Steely, David C	4268	18	Mar. 20	Walker, Thomas A	12751	10	Dec. 8
Starr, Harry B	4272	22	Mar. 22	Wempner, Albert	12752	20	Dec. 10
Simonds, Francis	4286	13	Apr. 3	Yourtee, Samuel L	4367	15	May 18
Slater, Franklin	4288	19	Do.	Young, George F	4450	14	July 27
Short, J. E	4296	25	Apr. 7	Young, Richard L	4454	7	July 29
Seeger, August E	4300	7	Apr. 10	Zeller, Joseph	4202	5	Jan. 4
Slocumb, Wm. R	4315	25	Apr. 16	Zibelin, Henry J	4219	11	Feb. 9
Spahr, Andrew J	4337	11	Apr. 24	Ziegler, Charles B	4281	12	Mar. 30
Shinkle, Augustus	4350	23	May 6	Ziegler, Willaba	4402	6	June 22
Strong, Sneed	4387	24	June 11				

Pilots licensed during the year ended December 31, 1897—St. Louis, Mo.

First-class pilots.				*First-class pilots*—Continued.			
Adams, John F	2405	3	Jan. 11	Cahalan, George W	2415	5	Feb. 15
Abrams, Charles A	2451	31	Mar. 24	Connors, Denis M	2439	1	Mar. 13
Adcock, John W	2507	3	May 31	Cayton, Charles A	2446	16	Mar. 22
Ashby, J. A	2574	4	Aug. 23	Crane, Clement V	2453	4	Mar. 29
Adams, William	2576	5	Aug. 24	Carroll, Anderson B	2456	1	Mar. 31
Anderson, Peter	2589	9	Sept. 21	Cahalan, Edward F	2457	17	Do.
Atchison, Elmer E	6428	17	Oct. 29	Chacey, J. D	2459	24	Apr. 5
Adcock, Charles E	6448	1	Dec. 16	Couper, Wm. D., jr	2460	1	Apr. 6
Beall, Edmund	2411	4	Feb. 3	Casebolt, Harvey F	2477	9	Apr. 26
Bates, Ernest W	2434	2	Mar. 10	Carpenter, John	2479	16	Apr. 29
Brown, Wm. M	2443	1	Mar. 18	Cade, Thomas J	2487	20	May 8
Boots, James E	2454	9	Mar. 30	Cahalan, Oby M	2503	15	May 27
Blancet, Charles	2480	4	Apr. 29	Carey, Alexander, jr	2532	6	July 6
Beall, James W	2481	4	May 1	Carver, Wm. H	2537	4	July 12
Boone, Charles E	2486	6	May 7	Castrop, Henry	2585	14	Sept. 11
Berry, Charles W	2514	1	June 15	Colvin, Wheeler C	2586	2	Do.
Boyd, Wm. H	2516	16	June 17	Carroll, Richard	6425	9	Oct. 28
Billings, D. C	2529	10	July 1	Clarkson, Francis J	6435	7	Nov. 20
Blake, Wilson L	2530	8	July 2	Claridge, John W	6444	4	Dec. 11
Blaske, Frank L	2540	4	July 14	Daily, Wm. H	2450	10	Mar. 24
Briggs, Francis M	2563	10	Aug. 11	Dauer, Lawrence	2466	13	Apr. 12
Burke, Patrick E	2575	4	Aug. 24	Daft, Henry	2541	3	July 15
Burruss, George L	2587	5	Sept. 13	Davis, Charles J	2556	9	July 31
Benwell, John	6413	23	Oct. 12	Dodd, Thomas T	2590	11	Sept. 21
Bergfeld, John H	6422	3	Oct. 21	Dennler, Ben	6420	1	Oct. 18
Boles, Albert S	6430	6	Nov. 1	Dryden, Samuel	6423	7	Oct. 22
Barnett, John A	6446	1	Dec. 14	Elworthy, George T	2498	1	May 20
Burke, James M	6450	4	Dec. 21	Edgby, George P	2504	8	May 28
Chapman, Hale	2403	11	Jan. 6	Eagleson, Richard	2528	4	July 1

Pilots licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Fisher, Lee D	2409	1	Feb. 1
Fisher, H. A	2474	1	Apr. 22
Farris, Eugene M	2490	9	May 11
Fay, Robert E	2511	4	June 10
Fluent, Wm. D	2517	4	June 19
Grasty, James M	2407	14	Jan. 25
Germann, Henry	2408	2	Feb. 1
Graff, Albert	2416	5	Feb. 17
Gilbert, Edward E	2433	5	Mar. 9
Grove, William H	2444	11	Mar. 20
Geisler, George	2502	1	May 26
Gatewood, Joel	2521	5	June 24
Gould, Francis A	2522	1	Do.
Glenn, Thomas G	2582	1	Aug. 31
Goodman, George B	6412	12	Oct. 12
Gregg, Earl C	6418	4	Oct. 16
Goldsmith, F. E	6453	2	Dec. 31
Heckmann, Julius F	2406	2	Jan. 15
Heskett, John G	2421	16	Feb. 20
Harden, Jackson W	2427	12	Mar. 2
Haley, John J	2432	5	Mar. 9
Hippel, John M	2435	6	Mar. 10
Handbury, George W	2447	7	Mar. 23
Hulett, Wm	2470	7	Apr. 19
Hulett, Richard	2471	7	Apr. 21
Harpold, Riley	2472	1	Apr. 22
Held, Ernest Jacob	2488	1	May 10
Held, Robert	2489	1	Do.
Huber, William L	2493	1	May 18
Huber, Charles J	2494	1	Do.
Haskell, William A	2510	12	June 7
Hunt, Campbell	2525	28	June 26
Heckmann, Henry L., jr	2539	4	July 14
Heckmann, Samuel M	2550	5	July 24
Hutton, James C	2553	1	July 27
Hughart, George R	2558	11	Aug. 4
Hinderberger, Samuel	2564	13	Aug. 12
Hefele, Charles	2596	4	Sept. 27
Heckmann, Wm. L., jr	2597	8	Do.
Hudgens, James B	2600	12	Sept. 30
Hurley, James W	6403	13	Oct. 5
Henning, William	6405	3	Oct. 6
Hulett, Mary A	6410	7	Oct. 8
Hamilton, Charles C	6433	1	Nov. 15
Hawkins, James B	6441	8	Dec. 4
Juden, Charles G	2520	7	June 23
Jenks, George H	2531	6	July 3
Job, Zephaniah B., jr	2557	4	Aug. 3
Jones, Frank	6414	1	Oct. 13
Jefford, Thomas H	6417	8	Oct. 15
Kropp, Oswald F	2467	1	Apr. 14
Keller, Henry	2469	1	Apr. 17
Kennedy, Thomas E	2492	3	May 17
Keith, Hunter Ben	2515	1	June 16
Keener, Thomas K	2533	1	July 6
Kilbourn, C. H	2583	4	Sept. 8
Kilpatrick, Alfred B	6404	1	Oct. 5
Keithly, George	6409	7	Oct. 8
Kelly, Pulaska	6431	11	Nov. 2
Ledger, Edward	2419	4	Feb. 17
Leyhe, Harry	2422	1	Feb. 20
Ledger, James	2424	2	Feb. 24
La Barge, Thomas J	2442	1	Mar. 17
Leach, Joseph	2449	17	Mar. 24
Lynds, John H., jr	2496	6	May 19
Luther, William	2512	10	June 10
Leach, Joseph, jr	2518	2	June 23
Losch, George A	2527	2	June 30
Le Page, Nelson	2542	5	July 16
Lucas, J. Hunt	2546	4	July 20
Losch, John C	2547	6	July 21
Ledger, Charles	2559	7	Aug. 5
Lefever, Charles D	2565	5	Aug. 13
Lucas, John D	2568	3	Aug. 17
Lewis, John M	2580	6	Aug. 27
Morgan, James W	2412	14	Feb. 4
Moehle, Louis E	2425	1	Feb. 26
Meissner, Gustave E., jr	2426	5	Mar. 1
First-class pilots—Continued.			
Mulkey, James M	2429	10	Mar. 6
McGarrah, Robert W	2430	17	Do.
Mattingley, Thomas	2438	16	Mar. 12
Meloan, Henry	2461	4	Apr. 7
Milliken, Alex. H	2464	15	Apr. 9
Montague, George B	2465	6	Do.
Miller, Charles W	2500	8	May 25
McKenzie, Hugh	2509	10	June 2
Moore, Meredith T	2519	15	June 23
Murrell, Charles	2534	8	July 8
Maxwell, John	2538	11	July 13
McGoldrick, Thomas	2545	7	July 20
Morrow, John	2554	3	July 27
Maurer, Philip	2560	18	Aug. 7
Morris, George F	2588	4	Sept. 14
McKinley, Wm. V	2591	4	Sept. 23
McComas, George C	2599	4	Sept. 29
Mooers, Royal	6406	10	Oct. 6
Miller, George A	6424	7	Oct. 26
Mann, Ira	6437	9	Nov. 24
Martin, Charles L	6443	3	Dec. 7
Mann, Walter H	6445	3	Dec. 13
Meredith, John W	6449	1	Dec. 18
Neville, Wallace W	2497	1	May 20
Nichols, Harry G	2506	2	May 31
Noonan, John H	2581	1	Aug. 28
Newberry, Miles	2584	3	Sept. 10
Owen, Austin, jr	2573	5	Aug. 21
Parker, Julius R	2410	1	Feb. 2
Pillsbury, Edward	2431	4	Mar. 6
Peterson, Oscar	2368	1	Apr. 14
Parker, Thomas, sr	2483	14	May 3
Parker, Harry	2499	14	May 24
Parker, Edwin	2513	12	June 11
Parson, Theodore E	2523	6	June 25
Parks, William S	6426	16	Oct. 28
Rolan, James	2417	16	Feb. 17
Rehm, Gottlieb	2524	13	June 26
Richtman, James J	2543	6	July 17
Richey, Zind	2544	2	Do.
Robinson, Richard B	2552	2	July 27
Rogers, David W	6402	6	Oct. 5
Richtman, Simon P	6419	6	Oct. 18
Street, George M	2402	2	Jan. 4
Schmidt, Anthony	2404	5	Jan. 9
Schweppe, Henry M	2413	1	Feb. 4
Smith, Dewitt N	2423	5	Feb. 24
Strutman, Henry	2436	6	Mar. 11
Siverling, Bert	2440	12	Mar. 13
Sivley, Dellie T	2445	2	Mar. 22
Stout, John L	2452	6	Mar. 26
Seibt, Louis	2455	1	Mar. 30
Sparks, William L	2458	7	Apr. 3
Swan, George W	2462	11	Apr. 7
Steible, Michael	2476	9	Apr. 24
Slater, Anderson	2478	3	Apr. 28
Schweppe, Henry Rand	2482	2	May 1
Slocumb, Quincy L	2495	6	May 19
Sherman, Frank	2508	21	June 2
Sivley, Samuel T	2526	9	June 30
Sinkhorn, Berry	2536	12	July 12
Scobee, John F	2548	8	July 22
Scobee, William W	2551	14	July 26
Spear, Charles R	2566	7	Aug. 13
Schmoldt, Adolph E	2571	4	Aug. 20
Schmoldt, Henry M	2572	4	Do.
Stark, Charles F	2578	3	Aug. 26
Saunders, Walter H	2592	3	Sept. 23
Swan, James A	6411	8	Oct. 9
Stark, John William	6427	1	Oct. 28
Schellabarger, Chas. A	6429	3	Oct. 29
Sites, L. T	6432	5	Nov. 12
Starr, Harrie E	6434	5	Nov. 16
Saltzman, August	6436	8	Nov. 24
Schumacher, Victor	6439	1	Nov. 30
Stark, Wm	6442	28	Dec. 4
Stark, Edward E	6451	6	Dec. 21
Strutman, William	6452	8	Dec. 28

Pilots licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
First class pilots—Continued.				*First class pilots*—Continued.			
Till, George M	2485	11	May 4	Whittmore, Theodore	2491	14	May 17
Trotter, David	2535	16	July 8	Wilson, Joseph A	2501	3	May 26
Thompson, Wm. L	2567	8	Aug. 17	Wright, Myron J	2505	7	May 31
Turner, Cyrus C	2598	9	Sept. 29	Williamson, Wm. I	2549	4	July 23
Thomas, Jos. D	6408	2	Oct. 6	Wildes, Sylvester	2555	4	July 30
Tanner, James M	6415	1	Oct. 14	Weick, Joseph	2561	6	Aug. 9
Tobin, Frank R	6421	3	Oct. 18	Woodworth, J. A	2570	8	Aug. 19
Ulrich, Wm. C	2437	2	Mar. 12	Wild, Edward W	2577	4	Aug. 25
Vaughan, George W	2441	4	Mar. 17	Williams, George T	2579	2	Aug. 27
Virt, Daniel	2569	9	Aug. 18	Wilson, Curtis B	2593	6	Sept. 24
Vaughan, Oswald S	2595	1	Sept. 25	Woods, William E	6401	14	Oct. 4
Walton, Christopher	2401	1	Jan. 2	Webb, Ralph G	6407	2	Oct. 6
Weick, Frank	2414	5	Feb. 15	West, Samuel	6416	14	Oct. 15
Williams, Arthur R	2418	5	Feb. 17	Woods, Will W	6438	4	Nov. 24
Westfall, George W	2420	14	Do.	Wohlt, August	6440	16	Dec. 3
Wilson, Wm. O	2428	15	Mar. 2	Yates, Milton	2463	1	Apr. 8
Webb, Eugene H	2448	4	Mar. 23	Yourtee, Livingston H.	6447	10	Dec. 16
Wheeler, Balus O	2473	7	Apr. 22	Zeller, Charles A. A	2562	11	Aug. 10
Willow, George B	2475	1	Do.	Zink, William	2594	3	Sept. 24
Wilson, Charles H	2484	1	May 3				

Engineers licensed during the year ended December 31, 1897—St. Louis, Mo.

Chief engineers.				*Chief engineers*—Continued.			
Adams, John F	5111	4	Jan. 11	Bruce, John A	13176	33	Dec. 21
Ashworth, Bridge	5165	31	Mar. 9	Chartrand, Paschal F	5103	22	Jan. 4
Alford, William E	5194	31	Mar. 29	Copley, Milton E	5113	24	Jan. 12
Abney, William W	5210	17	Apr. 12	Cottrill, Oliver	5129	37	Jan. 30
Anderson, Charles P	5223	1	Apr. 21	Copley, Charles W	5185	15	Mar. 24
Anshutz, Christian	5240	19	May 3	Chesam, W. Hamilton	5196	31	Mar. 30
Allen, Boone	5344	39	July 29	Chatilion, Joseph C	5197	36	Mar. 31
Arntzen, John B	5349	11	Aug. 2	Clossin, Samuel C	5203	2	Apr. 8
Albert, William L	5365	12	Aug. 19	Crawford, Joseph	5208	26	Apr. 10
Applegate, John	13164	31	Dec. 8	Chandler, Joseph	5222	22	Apr. 20
Arnaud, Louis	13183	1	Dec. 29	Cade, Thomas J	5249	25	May 8
Buthman, Fred	5102	17	Jan. 4	Critchfield, Samuel A	5259	32	May 13
Bermeme, Adam F	5119	20	Jan. 18	Coulter, George	5260	3	May 17
Beall, Charles	5131	2	Feb. 3	Critchfield, Robert	5276	8	June 3
Bottum, Charles F	5141	9	Feb. 20	Carver, John L	5300	41	June 16
Brannan, George H	5159	19	Mar. 6	Crow, Lewis M	5302	8	June 17
Buckley, William M	5186	10	Mar. 24	Carver, William H	5320	12	July 12
Beeson, Martin	5189	19	Mar. 25	Corey, William W	5322	42	July 14
Ball, Charles L	5200	38	Apr. 6	Chesney, Robert S	5327	5	July 15
Butler, Timothy S	5205	29	Apr. 9	Cabell, Milton S	5328	21	July 16
Blades, Frank F	5209	29	Apr. 12	Clifford, George C	5336	27	July 20
Burke, James M	5213	1	Apr. 16	Chamberlain, Avery B.	5367	33	Aug. 24
Betts, Issac W	5219	8	Apr. 19	Conley, Charles H	5369	41	Aug. 28
Bolejack, Joseph	5231	24	Apr. 26	Clayton, Anderson H	5384	36	Sept. 13
Bates, James J	5238	20	May 1	Cooper, John P	5398	27	Sept. 29
Bruce, Harold	5253	3	May 11	Carver, Edgar S	13122	4	Oct. 15
Burke, John H	5265	1	May 20	Critchfield, Thomas	13124	4	Oct. 26
Bagley, M. L	5266	16	Do.	Critchfield, S. A., jr	13131	6	Nov. 3
Baldwin, James W	5269	25	May 22	Carpenter, Thomas M	13140	38	Nov. 10
Bartlett, E. P	5281	23	June 5	Cole, Edward	13152	30	Nov. 22
Brannan, Lee	5296	7	June 14	Coulter, Charles	13171	4	Dec. 15
Busch, John H	5318	3	July 10	Degman, John P	5158	4	Mar. 6
Barnes, Isaac R	5323	34	July 14	Dallas, James	5175	33	Mar. 15
Burneson, Wm. T	5335	3	July 20	De Witt, Charles W	5178	8	Mar. 17
Bowling, Jesse L	5340	16	July 26	Davis, William A	5226	32	Apr. 23
Burt, William D	5348	13	July 31	Dierking, John F	5228	20	Do.
Ball, Samuel M	5358	23	Aug. 16	De Witt, Albert B	5244	30	May 5
Breece, George W	5363	29	Aug. 18	Day, William T	5271	9	May 27
Bauer, John	5364	19	Aug. 19	Doen, Alexander P	5275	42	June 2
Burt, Louis	5378	25	Sept. 4	Dexter, Charles	5280	17	June 4
Bleakney, Wm. C	5387	22	Sept. 16	Danbery, A. M	5283	8	June 7
Badger, Ben G	5391	9	Sept. 20	Doyle, Richard E	5381	30	Sept. 7
Blaske, Frank L	5392	10	Sept. 21	Duffy, David A	13125	30	Oct. 26
Burneson, John C., sr	13111	40	Oct. 9	Davidson, James E	13170	13	Dec. 14
Brannick, William	13115	29	Oct. 12	Elton, Jefferson E	5107	7	Jan. 7
Burneson, John C., jr	13132	4	Nov. 4	Ebaugh, Charles S	5220	24	Apr. 20
Burgess, Thomas	13150	2	Nov. 19	Emerson, Elliott E	5230	15	Apr. 26
Bray, Oliver	13168	27	Dec. 11	Ellerson, Charles	5311	17	July 6

Engineers licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Eagon, William C	13149	29	Nov. 18
Foster, Michael A	5101	34	Jan. 2
Fitch, Jesse	5138	23	Feb. 17
Fleming, Oliver	5149	33	Mar. 1
Fitzgerald, James P	5152	8	Mar. 4
Fitzgerald, John	5227	14	Apr. 23
Frie, Bernard	5304	14	June 19
Ford, Joseph	5307	13	June 24
Fairchild, Charles L	5319	25	July 10
Floyd, John E	5321	3	July 13
Farrell, G. J	5371	20	Aug. 31
Fish, Wm. E	5397	11	Sept. 27
Foulke, George	13118	34	Oct. 13
Fairfowl, Hector W	13120	40	Oct. 15
Fairchild, Richard S	13135	34	Nov. 8
Fichner, Ben R	13145	38	Nov. 17
Ferrell, Thomas B	13181	15	Dec. 28
Glenn, Andrew	5126	1	Jan. 27
Goodbub, Charles A	5137	2	Feb. 16
Gill, James H	5146	13	Feb. 26
Geisler, Joseph	5172	6	Mar. 13
Gausmann, Charles H	5176	1	Mar. 15
Gill, John A	5179	17	Mar. 19
Gerboth, Henry C	5202	32	Apr. 7
Gill, John H	5204	3	Apr. 9
Graham, Cyrus J	5211	18	Apr. 12
Gray, Thadeus	5215	42	Apr. 17
Garstang, Richard	5221	3	Apr. 20
Gerlach, Anthony	5224	9	Apr. 21
Green, Daniel W	5234	3	Apr. 27
Gardiner, Elbert	5242	1	May 3
Garrett, John R	5251	6	May 11
Green, John M	5258	32	May 13
Gray, Edmund N	5262	7	May 19
Glichman, William	5263	26	Do.
Gale, A. L	5270	29	May 25
Grant, Mitchell W	5310	18	July 2
Gillian, Charles	5341	15	July 26
Germann, Henry	13119	4	Oct. 14
Gordon, George A	13133	7	Nov. 5
Gardner, Robert M	13160	30	Dec. 3
Hedley, William D	5110	11	Jan. 9
Holmes, John W	5114	16	Jan. 14
Hemphill, William W	5117	25	Do.
Hill, Samuel G	5123	45	Jan. 25
Harman, Oliver	5125	4	Do.
Henley, Andrew J	5134	14	Feb. 8
Hoelscher, Frank H	5140	3	Feb. 19
Hill, Joseph B	5156	6	Mar. 5
Hicks, William W	5162	2	Mar. 8
Hill, John	5166	31	Mar. 10
Harrington, Lemuel	5168	15	Mar. 12
Hicks, Henry H	5187	21	Mar. 24
Hammill, Michael P	5198	1	Mar. 31
Hynes, John H	5216	4	Apr. 19
Hoelscher Frank H., jr	5225	3	Apr. 22
Hartog, John D	5232	18	Apr. 26
Hubbard, Robert W	5255	10	May 12
Hazlep, Henry C	5272	30	May 29
Hill, Eben B	5286	26	June 9
Hoffman, B. A	5301	33	June 17
Hicks, Presley N	5325	31	July 14
Haley, Andrew M	5333	9	July 19
Harris, James L	5366	25	Aug. 23
Hilliard, Joseph L	13106	32	Oct. 5
Hurley, James W	13107	14	Do.
Haughey, James F	13144	1	Nov. 17
Harman, Richard	13157	31	Nov. 27
Hill, Frank	13167	3	Dec. 11
Hennesey, John	13184	23	Dec. 31
Isler, Jacob H	5257	28	May 12
Jackson, Charles B	5112	21	Jan. 12
Jobes, Spencer C	5154	14	Mar. 5
Johnson, James	5163	16	Mar. 8
Johnson, Thomas R	5235	12	Apr. 27
Johnson Henry A	5330	11	July 17
Jewett, Decatur S	5346	31	July 29
Johnson, Thomas B	5390	32	Sept. 20
Chief engineers—Continued.			
Johnson, Isadore S	13114	13	Oct. 12
Johnson, Ben. H	13162	1	Dec. 6
Jenkins, Charles M	13173	2	Dec. 16
Kilpatrick, Robert J	5122	11	Jan. 23
Kay, William D	5245	5	May 6
Kentnor, John A	5252	23	May 11
Knaebel, Matthias	5282	34	June 7
Kinney, Harry A	5306	1	June 23
Kallenbach, John E	5313	5	July 6
Kennedy, Joseph E	5368	3	Aug. 25
Kelly, Murty S	5386	15	Sept. 16
Kay, Perren	5399	29	Sept. 29
Keithly, George	13109	12	Oct. 8
Kelly, Pulaska	13137	11	Nov. 9
Kennedy, John A	13147	1	Nov. 17
Loury, John G	5120	18	Jan. 21
Losch, John C	5127	2	Jan. 28
Leyhe, Henry	5130	28	Jan. 30
Lyng, W. E	5139	19	Feb. 17
Leyhe, Henry J	5142	1	Feb. 20
Linehan, Denis J	5160	5	Mar. 6
Logan, Lawrence W	5164	2	Mar. 8
Lundbeck, Wm. G	5206	17	Apr. 9
Liliger, Frank	5284	3	June 8
Lewis, Charles	5312	2	July 6
Lucas, Wm. E	5316	18	July 10
Lauman, Wm	5347	3	July 30
Lame, Lewis C	5352	25	Aug. 4
Loer, Charles	5357	34	Aug. 14
Lucas, John D	13112	1	Oct. 9
Leyhe, William	13143	20	Nov. 17
Labadie, Robert	13153	25	Nov. 22
Layman, Frank	13155	13	Nov. 27
Life, Charles H	13156	16	Do.
Loer, William H	13169	3	Dec. 13
Lorie, Jerry	13172	7	Dec. 15
Lambkin, Charles W	13175	17	Dec. 20
Lamont, Richard	13180	2	Dec. 27
Lynds, John H	13182	22	Dec. 29
Minke, George F	5104	24	Jan. 4
Merriman, Jacob C	5105	27	Jan. 6
McKinley, Wm. V	5116	1	Jan. 14
McClellan, William	5143	17	Feb. 23
Manning, James H	5148	2	Feb. 27
McBride, James S	5157	40	Mar. 5
Miller, Frank W. H	5161	2	Mar. 8
McCormick, James	5167	3	Mar. 10
Mattingley, Thomas	5169	28	Mar. 12
McClellan, James	5177	22	Mar. 17
McCord, James H	5181	15	Mar. 22
McCormick, Preston M	5190	23	Mar. 25
Martin, Frederick	5195	33	Mar. 30
Meyers, Frank S	5217	21	Apr. 19
Marsh, Monroe	5236	30	Apr. 27
Mitchell, William D	5246	20	May 7
Mikesell, Martin L	5254	20	May 12
Miller, William W	5256	37	Do.
Moehle, E. H	5261	1	May 18
McCann, Ollie	5268	2	May 21
McKnight, Samuel E	5285	16	June 8
Marlin, Thomas	5290	15	June 10
Morrison, F. W	5303	3	June 19
Marsh, W. W	5308	31	June 29
Merwin, William	5315	3	July 9
Miller, George A	5326	3	July 15
Mann, Ira	5334	1	July 19
Mattingley, Vivian A	5345	1	July 29
McCann, Wash	5353	42	Aug. 4
McClendon, John	5355	30	Aug. 11
McNamara, Frank	5360	5	Aug 16
Mitchell, Louis F	5372	20	Sept. 2
Mahew, Charles	5380	41	Sept. 7
McCarron, Dennis G	5383	30	Sept. 11
Martin, Charles A	13113	6	Oct. 9
Marsh, John A	13117	13	Oct. 13
McCann, Richard L	13123	4	Oct. 25
McCord, Frank C	13128	12	Nov. 1
McRory, Peter	13130	25	Nov. 2

Engineers licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Montgomery, John	13136	15	Nov. 8
Mock, Levi	13141	44	Nov. 12
McCann, John W	13142	15	Nov. 16
McNamara, John	13148	38	Nov. 18
Mantz, David	13159	23	Nov. 30
McCann, Theodore	13174	8	Dec. 20
Moehle, Gustav	13179	3	Dec. 24
Nelon, Michael D	5108	7	Jan. 7
Neville, Harvey	5207	17	Apr. 10
Nighton, Hiram W	5214	24	Apr. 17
Newkirk, Eugene F	5267	13	May 21
Nash, Robert S	5379	23	Sept. 6
Nash, Charles E	5388	5	Sept. 17
Noee, William	5395	16	Sept 23
Noel, William T	13134	28	Nov. 5
Nighton, William	13138	31	Nov. 10
Newell, Wallace P	13165	8	Dec. 9
Olney, Silas B	5151	22	Mar. 3
Oldenburg, William	5288	35	June 9
Onion, Frank M	5324	14	July 14
Owen, James G	5332	19	July 19
O'Neill, John	5361	4	Aug. 17
Owen, Austin	5382	14	Sept. 10
Owen, Huntington	13116	12	Oct. 13
O'Brien, Timothy	13166	10	Dec. 10
Pavey, John J	5144	35	Feb. 23
Pepson, Thomas	5147	28	Feb. 27
Powers, John J	5170	21	Mar. 12
Powell, Robert C	5218	14	Apr. 19
Parker, Thomas, sr	5241	17	May 3
Patton, Frank D	5250	21	May 10
Pierson, John	5294	27	June 14
Platt, Nelson	5298	33	June 15
Powell, Richard M	5351	38	Aug. 3
Pavey, Reuben W	5370	34	Aug. 28
Powell, Wright M	5376	31	Sept. 3
Phelan, John A	5396	8	Sept. 25
Pierson, Thomas A	13161	4	Dec. 4
Quick, Luke	5305	40	June 19
Rahner, Henry W	5135	23	Feb. 9
Roth, George	5136	8	Feb. 11
Roberts, Joshua W	5150	11	Mar. 3
Roehrig, Robert	5155	29	Mar. 5
Reed, Walter S	5174	21	Mar. 15
Reynolds, Dexter	5184	7	Mar. 24
Reno, Benjamin F	5188	17	Mar. 25
Roberts, William T	5191	21	Mar. 26
Reed, George S	5192	5	Do.
Roehrig, Edward C	5193	3	Mar. 27
Robinson, James W	5199	22	Apr. 2
Reid, Joseph R	5201	15	Apr. 7
Rice, Lewis R	5212	4	Apr. 13
Reid, Hugh	5239	32	May 1
Richey, Oliver G	5264	29	May 20
Rives, Joseph B	5277	9	June 3
Richey, Lazarus R	5292	45	June 12
Rennie, James E	5295	26	June 14
Russell, Israel E	5317	14	July 10
Richtman, James J	5329	9	July 17
Renfrow, Louis Lee	5337	2	July 21
Regan, Daniel	5375	16	Sept. 2
Renfrow, Joseph W	5389	26	Sept. 17
Robinson, James	5394	2	Sept. 23
Reed, Thomas J	13102	25	Oct. 2
Reid, George W	13103	24	Do.
Raines, William C	13105	31	Oct. 4
Ringo, Theodore S	13126	10	Oct. 29
Raper, Wm. N	13127	30	Nov. 1
Smith, George W	5106	14	Jan. 7
Schulte, John A	5115	2	Jan. 14
Schaffer, John	5121	6	Jan. 23
Scanlan, Patrick	5124	30	Jan. 25
Sivley, Dellie T	5128	4	Jan. 29
Smith, William	5133	15	Feb. 6
Southard, Charles E	5171	21	Mar. 12
Shacklette, John S	5233	29	Apr. 27
Schmelter, George	5278	26	June 4
Sampson, Edward D	5289	40	June 10
Chief engineers—Continued.			
Skahill, John M	5291	2	June 10
Southard, Allen P	5297	14	June 14
Sivley, Samuel T	5309	15	June 30
Spargo, James	5338	27	July 23
Schneider, George	5339	7	July 24
Smith, Daniel W	5342	18	July 27
Sheppard, Franklin	5350	1	Aug. 2
Steinkamp, Henry A	5354	3	Aug. 7
Sonssman, Charles M	5356	23	Aug. 11
Sherman, George H	5362	7	Aug. 17
Saltsgiver, George	5373	3	Sept. 2
Spear, Charles R	5374	11	Do.
Stedman, James	5385	15	Sept. 14
Smith, John W	5393	26	Sept. 22
Shirmer, Lawrence	13129	9	Nov. 2
Smith, George W	13154	33	Nov. 24
Smith, Russell H	13158	6	Nov. 28
Strond, Eugene	13163	2	Dec. 7
Shawk, William	13177	1	Dec. 21
Smith, Eugene C	13178	17	Do.
Taylor, William E	5109	4	Jan. 8
Tesson, John W	5118	1	Jan. 14
Taylor, E. F	5237	10	Apr. 29
Taylor, Walter E	5273	2	May 31
Tully, Thomas M	5314	9	July 8
Tully, John P	5331	15	July 17
Tulley, Henry	13110	16	Oct. 8
Tully, James	13121	21	Oct. 15
Van Buren, William H	5359	15	Aug. 16
Voder, Hazlet A	13146	28	Nov. 17
Warner, George P	5132	26	Feb. 6
Waney, Barney	5145	34	Feb. 24
Wayman, John	5153	14	Mar. 4
Whetton, George W	5173	10	Mar. 13
Wasserziehr, Charles A	5180	11	Mar. 22
Whitley, David R	5182	19	Mar. 23
Wohlt, Gustave	5183	13	Mar. 24
Williams, Charles	5229	9	Apr. 24
Webb, Eugene H	5243	3	May 5
Wilson, Eugene A	5247	10	May 7
Waul, William F	5248	5	May 8
Williams, George M	5274	6	June 1
Ware, Thomas P	5279	23	June 4
Wilson, Fielding C	5287	30	June 9
Worth, John	5299	10	June 15
Wilson, James H	5343	28	July 28
Wilson, Nathan W	5377	18	Sept. 4
Wolff, Otto H	5400	1	Sept. 30
Warner, Charles B	13101	5	Do.
Woods, William E	13104	14	Oct. 4
Webb, Ralph G	13108	1	Oct. 6
Weaver, Franklin J	13139	17	Nov. 10
Winton, David L	13151	22	Nov. 20
Yates, Walter G	5293	21	June 12
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Armstrong, Horace G	3862	3	Nov. 20
Burke, John H	3713	24	Feb. 20
Brown, William	3749	21	Apr. 3
Baker, Wm. W., jr	3755	21	Apr. 15
Bergfeld, John H	3789	2	June 9
Bowes, Henry W	3809	10	July 9
Benwell, John	3847	20	Oct. 12
Bohl, Ferdinand W	3848	17	Do.
Casebolt, William T	3725	6	Mar. 4
Casebolt, Harvey F	3761	9	Apr. 26
Corbett, Edward	3772	7	May 17
Cordrey, Oscar S	3844	2	Sept. 29
Dreyer, John	3744	13	Mar. 29
Daily, John	3803	10	July 2
Dippel, Daniel H	3804	2	July 3
Eager, Charles B	3808	16	July 9
Frey, Edward N	3794	7	June 16
Fennell, James T	3810	2	July 14

Engineers licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Greis, Charles	3753	1	Apr. 14
Gatewood, Joel	3796	5	June 24
Greis, William	3819	15	Aug. 14
Greenleaf, Leroy	3822	18	Aug. 20
Harper, George	3701	8	Jan. 12
Heckmann, Julius F	3702	2	Jan. 15
Hoelscher, Louis F	3708	2	Feb. 8
Harper, John	3714	17	Feb. 23
Held, Ernest Jacob	3767	1	May 10
Held, Robert	3768	1	Do.
Hulett, Richard	3773	3	May 18
Huber, Charles	3774	1	Do.
Huber, William L	3775	1	Do.
Haberstock, John	3781	3	May 28
Hughes, George W	3798	21	June 26
Hudson, Charles E	3805	1	July 6
Haskell, William A	3829	3	Sept. 2
Kropp, Oswald F	3754	1	Apr. 14
Keener, Thomas K	3783	1	May 29
Keefer, H. S	3800	18	June 28
Littleton, William	3718	9	Feb. 24
Lynds, John H., jr	3776	6	May 19
Longmayer, Emanuel	3782	19	May 29
Lowrey, William	3821	4	Aug. 19
Lippincott, Thomas C	3871	25	Dec. 10
Leyhe, Harry	3872	2	Dec. 27
McCullen, George W	3724	3	Mar. 3
McKinney, James A	3730	1	Mar. 11
Mead, William E	3777	17	May 25
McComas, George	3791	14	June 14
Mattingley, Louis	3830	17	Sept. 4
Murrell, Charles	3831	21	Sept. 6
Mappin, Jesse F	3837	6	Sept. 24
Nash, William E	3770	3	May 11
Owen, Austin, jr	3711	9	Feb. 16
O'Neil, Frank	3828	2	Sept. 1
Pease, Peter H	3793	8	June 16
Ruby, Sheldon	3726	13	Mar. 6
Riek, Edwin C	3736	11	Mar. 15
Ross, Charles F	3771	5	May 12
Ragel, Henry	3826	23	Aug. 30
Reed, Oscar S	3861	16	Nov. 18
Stark, Charles F	3735	7	Mar. 15
Sivley, Garland M	3740	14	Mar. 18
Schreiner, J. C	3746	1	Mar. 30
Seeger, A. E	3807	8	July 8
Scobee, John F	3814	7	July 22
Sivley, Harry S	3865	2	Nov. 26
Smith, Wilbur R	3868	7	Dec. 4
Tippery, William	3792	2	June 16
Tracey, Samuel S	3835	23	Sept. 22
Turner, Cyrus C	3842	2	Sept. 29
Thomas, J. D	3870	2	Dec. 10
Vail, John	3790	3	June 14
Vancil, Marshall	3851	22	Oct. 19
Westfall, George W	3712	10	Feb. 17
Welzenbach, Joe A	3728	12	Mar. 8
Woodworth, Jefferson A	3743	15	Mar. 22
Wheeler, Balus O	3759	10	Apr. 22
Willow, George B	3760	2	Do.
Wilson, Charles H	3853	4	Oct. 23
Wohlt, August	3867	22	Dec. 3
Assistant engineers.			
Archer, Love	3715	7	Feb. 23
Adams, Wiley	3721	17	Mar. 1
Allen, Boone, jr	3729	3	Mar. 8
Blackstone, James W	3727	22	Mar. 6
Blythe, John A	3748	11	Apr. 2
Bremser, William A	3779	7	May 27
Burneson, Harry C	3784	3	May 29
Brigham, James M	3787	12	June 9
Bottum, Albert	3799	3	June 28
Berry, William W	3820	5	Aug. 18
Assistant engineers—Continued.			
Burneson, James H	3832	5	Sept. 10
Byington, John	3864	36	Nov. 24
Coulter, Leroy	3709	18	Feb. 13
Creswell, W. R	3717	7	Feb. 24
Cabanney, Antonie	3719	20	Feb. 27
Cornell, Charles	3758	7	Apr. 19
Campbell, Lewis W	3811	4	July 17
Carpenter, Aaron W	3827	7	Aug. 31
Cade, William A	3833	13	Sept. 17
Clifford, Samuel S	3834	9	Do.
Crow, Henry C	3858	11	Nov. 16
Donlan, James J	3737	26	Mar. 16
Davis, Patrick	3738	21	Mar. 17
Danahue, Thomas J	3763	15	May 5
Dunn, David	3825	25	Aug. 30
Elliott, Edward P	3756	2	Apr. 15
Easter, Timothy A	3841	2	Sept. 28
Fairchild, George W	3812	2	July 21
Graham, Olney	3710	16	Feb. 16
Gedney, Nelson	3752	12	Apr. 14
Hunt, Philip	3706	12	Feb. 4
Hill, William O	3716	4	Feb. 23
Herr, Augustus	3720	28	Feb. 27
Hindman, Alonzo W	3762	12	May 3
Hall, John H	3765	2	May 8
Herzberg, Charles	3785	15	June 2
Hall, Samuel A	3786	4	Do.
Hock, Fred	3806	3	July 8
Howard, W. Z	3816	3	Aug. 12
Hall, Charles J	3818	5	Aug. 14
Hunt, S. J. T	3856	1	Nov. 15
Jackson, Harry A	3750	2	Apr. 10
Jones, J. C	3801	18	June 29
Johnson, Benjamin H	3836	5	Sept. 22
Jenkins, George M	3860	1	Nov. 17
Katon, John	3797	14	June 24
Krementz, Fred W	3813	7	July 22
Kremer, Frank A	3817	1	Aug. 12
Kretzmer, Martin	3824	5	Aug. 27
Knaebel, Matthias, jr	3845	4	Oct. 4
Keithly, John	3850	9	Oct. 18
Lynn, William	3742	13	Mar. 20
Lightner, William L	3757	3	Apr. 17
Lockwood, James	3766	6	May 8
Larson, Andrew	3788	10	June 9
Lambert, George E	3859	1	Nov. 17
Lepper, William J	3869	5	Dec. 4
Miller, Charles H	3731	3	Mar. 13
Mitchell, Henry	3741	15	Mar. 19
McClintock, Reuben F	3863	1	Nov. 22
Noonan, Thomas W	3704	3	Jan. 21
Neadstine, William	3739	14	Mar. 17
Norton, Michael F	3855	13	Nov. 9
O'Brien, Frank	3733	22	Mar. 15
Okell, Frank A	3802	13	July 2
Parker, Lafayette	3707	13	Feb. 4
Pait, John W	3795	16	June 19
Palmer, Frank A	3866	2	Nov. 26
Rader, William	3823	1	Aug. 20
Rusk, John B	3857	4	Nov. 16
Sykes, Samuel M	3751	13	Apr. 12
Single, Edward L	3769	14	May 10
Skemp, Charles P	3778	1	May 26
Sedam, Louis W	3815	7	Aug. 11
Schaaf, Fred	3843	10	Sept. 29
Scott, Walter	3846	15	Oct. 9
Skinner, Janson S	3849	15	Oct. 16
Sanders, Harry A	3852	5	Oct. 22
Temple, Benjamin F	3722	9	Mar. 1
Tompkins, Ferris A	3723	3	Mar. 2
Tredway, Jerry	3732	3	Mar. 13
Tate, James L	3747	17	Mar. 31
Tourville, Jos. T	3780	18	May 28
Vreeland, Harry G., jr	3705	3	Jan. 23
Vansteenberg, Charles	3734	12	Mar. 15
Willits, Otto H	3703	9	Jan. 18

Engineers licensed—St. Louis, Mo.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Assistant engineers—Continued.			
Wilson, James H	3745	21	Mar. 29
Waddle, George C	3764	17	May 8
Wells, Clarence D	3838	14	Sept. 24
Widby, Calvin C	3839	20	Sept. 25
Wuerker, Oswald F	3840	5	Do.
Walsh, Richard C	3854	4	Nov. 6
Special engineers.			
Brunschweiler, Jacob	1704	4	Feb. 6
Bates, Ernest W	1710	2	Mar. 10
Boyd, William E	1728	6	Sept. 22
Boles, Albert S	1735	9	Nov. 1
Chapman, Hale	1702	11	Jan. 6
Dryden, Joseph	1725	4	Aug. 30
Fisher, Lee D	1703	1	Feb. 1
Fletcher, Ross	1713	4	Apr. 7
Fisher, H. A	1718	1	Apr. 20
Heskett, John G	1705	11	Feb. 20
Hulett, Charles F	1717	1	Apr. 17
Hudgens, James B	1729	12	Sept. 30
Job, Z. B., jr	1723	7	Aug. 3
Kirkendall, Edw	1701	4	Jan. 6
Keller, Henry	1716	1	Apr. 16
Special engineers—Continued.			
Kilpatrick, Alex, jr	1730	1	Oct. 4
Lefever, C. D	1707	2	Feb. 27
Long, George F	1733	1	Oct. 18
Meissner, Gustave E., jr	1709	5	Mar. 1
Miller, Arthur H	1721	1	June 23
Mooers, Royal	1731	10	Oct. 6
Newberry Miles	1722	1	July 21
Pillsbury, Edward	1714	4	Apr. 8
Peterson, Oscar	1715	1	Apr. 14
Robinson, Richard B	1719	1	May 10
Raridan, William T	1720	10	June 10
Robinson, William B	1724	2	Aug. 30
Schwaab, George J	1708	3	Feb. 27
Swartz, John M	1711	8	Mar. 11
Sparks, Wm. L	1712	2	Apr. 5
Schellabarger, Charles H	1734	3	Oct. 29
Taylor, J. P	1726	1	Sept. 4
Thomure, George	1727	6	Sept. 9
Unterbrink, Henry H	1706	2	Feb. 23
Weisman, Robert	1732	1	Oct. 14
Watson, Willis	1736	1	Nov. 15

Joint pilots and engineers licensed during the year ended December 31, 1897—St. Louis, Mo.

Adams, Thomas S	865	5	Dec. 15
Bartson, Charles F	853	3	Feb. 27
Claridge, George H	857	1	June 22
Crites, Stanley M	862	2	Aug. 18
Dixon, Frank	852	3	Feb. 8
Hoover, Alfred	859	2	July 12
Kane, Charles	863	6	Oct. 8
La Forge, Alphonse C	851	3	Jan. 21
Linn, Horace B	860	4	July 30
Langdon, F. E	861	1	Aug. 16
Lavrar, Frank	864	2	Nov. 18
Miner, W. W	854	5	Mar. 4
McNeil, Henry C	858	1	June 23
Son, Edwin R	855	1	Mar. 8
Selzer, Otto	856	2	June 21

FIFTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF DUBUQUE, IOWA.

Masters licensed during the year ended December 31, 1897—Dubuque, Iowa.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Bill, Fred A	4747	16	Nov. 1	Lamont, George	4533	8	Mar. 29
Boland, John E	4657	6	May 29	McCraney, Elmer	4733	4	Sept. 16
Clark, W. H	4753	14	Dec. 3	Moore, William M	4602	1	May 1
Davis, W. F	4694	4	July 16	Schaefer, Charles L	4710	14	Aug. 19
Durham, C. W	4505	13	Jan. 12	Skemp, Charles P	4613	9	May 8
Fulton, Matthew P	4520	10	Mar. 4	Swain, D. M	4607	10	May 6
Henderson, Marcus L	4541	9	Apr. 9	Whitney, A. J	4703	12	July 30
Isherwood, Thomas G	4553	9	Apr. 19				

Masters and pilots licensed during the year ended December 31, 1897—Dubuque, Iowa.

Adolph, Chris	4510	9	Jan. 28	Dolson, Stephen I	4517	5	Mar. 1
Alexander, Silex	4593	18	Apr. 28	Dorrance, D. F	4616	7	May 12
Appleton, Charles H	4709	24	Aug. 16	Dorrance, Dana A	4626	17	May 15
Arnold, Leonard	4592	14	Apr. 28	Dorrance, Derwin	4660	26	May 31
Bacher, Freeman	4675	3	June 18	Dotterweich, George	4532	5	Mar. 29
Baldwin, Fred R	4740	7	Oct. 15	Doughty, Henry C	4757	2	Dec. 11
Barber, Jonathan P	4583	13	Apr. 26	Drenning, Thomas G	4516	20	Mar. 1
Barr, George W	4639	20	May 19	Duley, Joseph I	4588	14	Apr. 27
Barron, Vetol	4659	14	May 31	Duncan, Thomas H	4662	14	June 1
Beedle, Hiram L	4640	17	May 20	Dundey, W. A	4594	12	Apr. 28
Bigelow, V. A	4726	23	Sept. 14	Egan, Lafayette V	4631	10	May 17
Blair, Walter	4597	16	Apr. 29	Enderle, William G	4577	9	Apr. 25
Blunt, Charles W	4658	17	May 29	Ewing, William A	4735	10	Sept. 21
Brasser, George	4611	17	May 8	Fairbanks, P. J	4743	22	Oct. 26
Bresee, H. B	4555	20	Apr. 23	Falkner, Charles	4531	13	Mar. 26
Bresee, Charles	4748	16	Nov. 8	Farris, Charles H	4590	21	Apr. 27
Buckingham, Don G	4670	12	June 12	Finch, J. C	4715	18	Aug. 23
Buisson, Cyprian	4536	20	Apr. 2	Fogel, A. A	4724	17	Sept. 10
Buisson, Joseph	4544	24	Apr. 13	Follmer, J. C	4603	22	May 2
Buisson, Henry	4701	18	July 26	Fox, J. G	4739	13	Oct. 13
Burns, Thomas	4656	13	May 29	Fugina, Frank J	4725	4	Sept. 10
Cameron, J. C	4575	19	Apr. 24	Fuller, Ira A	4512	19	Feb. 5
Carlisle, H. W	4643	24	May 22	Fuller, Henry C	4545	22	Apr. 14
Carpenter, A. M	4559	23	Apr. 23	Gallagher, Anthony	4568	7	Apr. 24
Carpenter, George R	4584	23	Apr. 26	Geisler, John P	4547	18	Apr. 15
Carpenter, C. C	4745	23	Oct. 30	Gentzkow, George	4714	7	Aug. 21
Case, August	4627	8	May 17	Gerlich, Paul	4526	14	Mar. 13
Cassiday, R. N	4579	17	Apr. 25	Goldsmith, John G	4651	11	May 24
Chapman, Robert J	4750	11	Nov. 18	Goyette, Henry	4672	16	June 16
Coaty, Dolphus	4647	8	May 22	Grant, A. W	4563	19	Apr. 24
Coleman, J. H. S	4630	8	May 17	Hallam, Sherman E	4543	6	Apr. 12
Corcoran, Owen L	4581	14	Apr. 26	Hampton, John V	4682	9	June 30
Cratte, David	4761	20	Dec. 13	Hanks, Frank G	4614	5	May 11
Darling, Harry M	4676	4	June 18	Hanks, Stephen B	4641	20	May 20
Darling, Lysander	4708	14	Aug. 13	Hanks, S. S	4649	15	May 23
Davis, William M	4669	19	June 12	Harsch, Henry	4655	2	May 28
Davis, D. C	4684	14	July 6	Hawthorne, Joseph M	4605	22	May 4
Davis, Gordon	4695	5	July 16	Henderson, Thomas W	4697	10	July 20
Davison, Charles H	4716	8	Aug. 24	Hepburn, John	4700	2	July 24
Day, A. O	4691	8	July 14	Hill, George W	4686	18	July 7
DeCamp, Ira	4601	15	May 1	Hire, J. A	4731	15	Sept. 15
Delile, Charles	4738	16	Oct. 11	Hollinshead, Horace	4620	17	May 13
Desmond, William	4527	18	Mar. 22	Hollinshead, A. F	4668	19	June 12
Dikeman, W. W	4528	16	Mar. 24	Holsapple, W. D	4621	21	May 14
Dixon, E. D	4535	21	Mar. 30	Horn, B. F	4550	20	Apr. 19
Dobler, William	4628	16	May 17	Howard, John S	4744	8	Oct. 27
Dolson, Thomas H	4509	19	Jan. 28	Hoy, John	4638	20	May 19

Masters and pilots licensed—Dubuque, Iowa—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Hugunin, R. F	4561	13	Apr. 24
Hugunin, Harry D	4582	7	Apr. 26
Hugunin, James	4589	24	Apr. 27
Hutchinson, Charles J	4548	11	Apr. 17
Huttenhow, Edward	4692	13	July 15
Hysell, W. A	4665	13	June 8
Jamison, Joseph S	4580	13	Apr. 26
Jeffers, George	4719	17	Aug. 26
Jenks, Ira B	4679	15	June 25
Kaiser, J. E	4663	8	June 2
Kent, John A	4514	21	Feb. 19
Kerz, Adam	4511	4	Jan. 28
Kimbel, Richard	4619	13	May 13
King, Montifore J	4508	4	Jan. 23
King, Henry J	4730	22	Sept. 14
Knaack, William C	4759	5	Dec. 14
Knapp, O. F	4507	19	Jan. 23
Knapp, Cornelius	4617	19	May 12
Koehler, Conrad	4667	18	June 12
Kratka, William A	4606	23	May 6
La Chapelle, Henry P	4530	16	Mar. 24
Lambert, A. P	4646	16	May 22
Lancaster, E. J	4693	24	July 15
Langford, Perry	4687	23	July 7
La Point, Frank	4712	10	Aug. 19
Law, D. C	4633	21	May 17
Laycock, J. H	4551	9	Apr. 19
Laycock, W. J	4713	7	Aug. 19
Le Claire, A. J	4608	10	May 6
Long, J. N	4569	22	Apr. 24
Looney, M. M	4644	18	May 22
Maines, P. M	4502	13	Jan. 1
Martin, Charles T	4570	13	Apr. 24
McCaffrey, John, jr	4625	3	May 14
McCaffrey, John	4629	11	May 17
McCaffrey, Hugh	4634	22	May 18
McCall, T. Y	4610	15	May 8
McCall, R. B	4717	15	Aug. 25
McCarthy, John V	4523	9	Mar. 9
McCarty, John	4742	24	Oct. 21
McDonald, D. A	4540	12	Apr. 9
McDonald, John	4565	16	Apr. 24
McGinley, O. E	4604	14	May 3
McMahon, Charles E	4546	7	Apr. 15
McMahon, O. P	4572	25	Apr. 24
Mertes, Nicholas	4677	15	June 19
Metzger, B. J	4552	1	Apr. 19
Miller, Edward E	4537	13	Apr. 2
Milliren, I. H	4503	23	Jan. 8
Mitchell, Abram	4566	9	Apr. 24
Mitchell, W. S	4612	14	May 8
Monaghan, Harry H	4513	1	Feb. 8
Monaghan, John	4746	17	Nov. 1
Monroe, John	4558	18	Apr. 23
Moore, John G	4574	17	Apr. 24
Murray, O. L	4519	14	Mar. 3
Newcomb, I. M	4567	18	Apr. 24
Newcomb, O. J	4727	23	Sept. 14
Nicols, George S	4762	14	Dec. 16
O'Connor, John	4524	7	Mar. 11
O'Rourke, Peter	4637	24	May 18
Patterson, Nathan D	4534	11	Mar. 29
Pearson, John D	4501	9	Jan. 1
Peck, Walter J	4653	11	May 26
Peel, Thomas	4576	18	Apr. 25
Pevey, H. L	4722	23	Aug. 30
Pierce, W. H	4542	17	Apr. 9
Polis, Henry	4720	10	Aug. 28
Pollock, Hugh H	4688	11	July 8
Pulver, Fred M	4681	6	June 28
Rambo, J. W	4685	21	July 6
Rebuer, George	4636	21	May 18
Reed, George W	4728	11	Sept. 14
Resser, Jacob G	4718	13	Aug. 26
Robinson, Leon F	4741	3	Oct. 19
Rook, John	4587	10	Apr. 27
Root, Edwin T	4661	24	May 31
Roundy, Pearl	4698	14	July 23
Roundy, Robert M	4699	16	Do.
Ruby, Perry M	4554	14	Apr. 20
Savage, L. E	4529	4	Mar. 24
Scheckel, Phillip	4624	26	May 14
Schmidt, John T	4560	7	Apr. 24
Schneider, George A	4522	16	Mar. 9
Schneider, Peter J	4650	25	May 23
Schrader, Henry	4671	9	June 14
Schricker, C. W	4515	9	Mar. 1
Shaw, Stephen	4721	19	Aug. 28
Short, A. M	4525	15	Mar. 13
Short, George L	4642	26	May 21
Short, I. H	4755	24	Dec. 7
Skofel, John W	4737	14	Sept. 28
Slocumb, Henry F	4556	20	Apr. 23
Smith, Elijah	4518	9	Mar. 2
Smith, Orrin	4652	15	May 25
Smith, Frank	4690	6	July 13
Smith, Ira F	4736	14	Sept. 27
Smith, Harvey N	4754	13	Dec. 6
Snider, H. R	4689	6	July 9
Solomon, Robert E	4623	2	May 14
Speake, Charles	4578	13	Apr. 25
Speake, Samuel	4599	21	Apr. 30
Specht, John	4664	24	June 2
Spinsby, Isaac S	4585	9	Apr. 27
Sterdevant, J. C	4683	6	July 1
Sterling, Lowell A	4751	14	Nov. 23
Streckfus, John	4705	7	Aug. 5
Suiter, J. G	4645	18	May 22
Suiter, Zach G	4696	16	July 17
Thompson, O. J	4756	14	Dec. 8
Tibbals, William R	4758	25	Dec. 14
Tipton, David M	4506	13	Jan. 12
Tracy, S. K	4557	7	Apr. 23
Tromley, George, jr	4598	16	Apr. 29
Tromley, R. H	4704	14	July 30
Tromley, George	4734	18	Sept. 20
Turner, J. M	4707	24	Aug. 12
Vansant, Samuel R	4539	11	Apr. 6
Waggoner, George C	4749	17	Nov. 8
Walker, John S	4752	22	Nov. 24
Walker, H. C	4504	22	Jan. 9
Wall, J. J	4564	16	Apr. 24
Wall, F. M	4615	12	May 11
Wasson, I. H	4622	24	May 14
Waters, Ela C	4549	2	Apr. 19
Waters, George M	4586	3	Apr. 27
Weir, William	4632	10	May 17
West, O. T	4648	11	May 23
Wethern, David N	4729	5	Sept. 14
Wettenhall, Frank	4600	15	May 1
Wheeler, Ralph J	4654	6	May 26
Whisler, John T	4571	7	Apr. 24
Whisler, W. H	4573	25	Do.
Whisler, William P	4596	3	Apr. 29
Whisler, J. N	4618	24	May 13
Whisler, James	4706	21	Aug. 7
White, Charles H	4521	14	Mar. 9
Wilcox, H. C	4595	22	Apr. 28
Wild, Charles G	4680	15	June 28
Wilson, Thomas	4673	10	June 18
Wilson, Benjamin	4723	13	Sept. 1
Winans, George	4609	18	May 6
Winslow, E. M	4674	20	June 18
Wisherd, D. Walter	4732	1	Sept. 15
Withrow, Stephen B	4538	21	Apr. 6
Withrow, Thomas C	4562	24	Apr. 24
Withrow, A. R	4678	24	June 21
Wood, Beder	4591	4	Apr. 27
Woodward, Asa B	4666	21	June 8
Worden, William	4760	24	Dec. 16
York, William	4711	14	Aug. 19
Young, Joseph H	4635	11	May 18
Young, Harry F	4702	2	July 26

Pilots licensed during the year ended December 31, 1897—Dubuque, Iowa.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Baldwin, William G	2628	5	July 16
Brandt, Charles	2604	2	Feb. 22
Budde, George	2619	9	May 8
Bullis, Emmett L	2632	3	Aug. 7
Burns, John	2631	6	Aug. 6
Clark, W. H	2603	17	Feb. 10
Clark, Eugene	2624	1	June 23
Clark, Lloyd W	2629	6	July 20
Dietz, Frank M	2621	7	May 30
Fetter, Albert	2609	6	Apr. 3
Flick, Rudolph	2634	3	Oct. 21
Freisheim, William	2620	1	May 25
Goldsmith, W. H	2612	13	Apr. 24
Hakes, George	2635	15	Oct. 28
Hanks, Samuel L	2630	7	July 27
Hufman, Fred	2633	5	Aug. 13
Johnson, Alfred D	2605	3	Feb. 22
Kimbel, George A	2610	2	Apr. 12
Kraus, William	2614	9	Apr. 24
Londrosh, Alexander	2617	9	Apr. 26
Lund, J. W	2607	1	Mar. 10
McCabe, Thomas	2622	5	June 6
McCann, John See	2613	2	Apr. 24
Mills, William	2602	4	Jan. 29
Monaghan, William N	2608	9	Apr. 2
Munsell, Erethen	2601	9	Jan. 2
Shovlin, Cornelius	2618	1	Apr. 27
Short, H. C	2625	5	July 6
Sibley, Fred W	2637	4	Dec. 23
Smith, Lester A	2606	4	Mar. 2
Smith, Fred J	2626	1	July 6
Sourwine, John P	2616	4	Apr. 26
Staassen, Gerhard	2615	9	Apr. 24
Suiter, John W	2623	24	June 18
Suiter, Leu B	2627	4	July 15
Wheeler, W. H. H	2636	2	Nov. 12
Williams, Levi R	2611	42	Apr. 21
Second-class pilots.			
Bouvia, Frank W	2927	4	June 21
Chamberlain, Frank A	2961	10	Dec. 14
Darling, George A	2902	1	Mar. 28
Eaton, Thomas C	2924	8	June 18
Geutzkow, J. C	2947	11	Aug. 24
Keckevoet, John	2949	9	Aug. 25
Kelly, James	2909	4	May 7
Leonard, F. E	2953	2	Sept. 11
Selleck, A. E	2934	12	July 1
Walker, A. D	2944	9	Aug. 18
Walter, Frank	2916	7	May 23
Special pilots.			
Ayres, Abner	2919	1	June 1
Bently, Stephen R	2948	1	Aug. 25
Bouvia, Trif	2921	3	June 11
Brindel, John	2935	2	July 6
Bullard, Francis B	2941	4	Aug. 2
Charboneau, Charles	2952	3	Sept. 6
Collins, W. C	2958	6	Oct. 21
Cornwall, John B	2901	1	Jan. 1
Daggett, Daniel C	2911	1	May 10
Dolson, L. G	2960	2	Oct. 30
Eldredge, Charles G	2942	1	Aug. 6
Ender, J. C	2940	2	July 29
Estes, Frank E	2917	2	May 29
Flink, John	2923	2	June 18
Frank, Bruno	2938	2	July 29
Gardiner, Charles	2925	1	June 19
Goldsmith, C. L	2905	3	Apr. 19
Heck, William S	2951	9	Aug. 31
Johns, Daniel C	2956	1	Sept. 21
Kelley, Frank J	2955	2	Sept. 18
Kimball, J. L	2933	7	June 29
Kimbel, Adolph	2912	6	May 13
King, Horace	2946	8	Aug. 21
LaChapelle, Peter	2939	2	July 29
Lambert, Thomas	2929	5	June 25
Leickt, Emil	2922	4	June 16
Lesring, James E	2930	1	June 28
Marston, W. C	2931	8	Do.
Meyer, Thomas G	2945	1	Aug. 20
McKillip, James	2907	2	Apr. 28
O'Rourke, John	2910	3	May 7
Paine, H. J	2943	1	Aug. 14
Perry, George W	2950	6	Aug. 30
Petersen, W. D	2937	3	July 28
Rebuer, Robert	2954	2	Sept. 13
Rose, Malcolm R	2906	4	Apr. 23
Schauer, Henry	2915	2	May 23
Schloeffel, Gustave	2903	3	Mar. 31
Seaman, S. C	2908	6	Apr. 28
Senechal, Edmund	2920	1	June 1
Serene, John H	2904	2	Apr. 9
Shaw, Henry D	2928	2	June 21
Short, Thomas A	2918	1	June 1
Small, William S	2957	2	Sept. 23
Thomson, James L	2932	8	June 29
Trautner, John	2926	1	June 19
Tyler, Willard G	2936	5	July 10
Washburn, William B	2913	1	May 15
Woodworth, Arthur S	2914	1	May 17
Youmans, C. M	2959	13	Oct. 29

Joint pilots and engineers licensed during the year ended December 31, 1897—Dubuque, Iowa.

Beach, Charles F	910	4	June 22
Beck, Lambert	921	3	Aug. 17
Bein, F. H	913	3	July 10
Benjamin, George M	911	1	June 22
Benjamin, Charles S	919	1	Aug. 6
Brown, Glenn	902	6	Apr. 24
Brown, James W	917	3	July 31
Christ, Martin	912	3	July 6
Christiansen, Peter	903	3	May 10
Colburn, W. S	918	3	Aug. 2
Cornelius, George	927	2	Sept. 20
Frank, Alvin	904	7	May 13
Gale, Joseph	922	1	Aug. 19
Gillett, James H	907	3	May 31
Hartford, W. P	901	4	April 20
Hiscox, Charles I	923	1	Aug. 20
Joest, Phillip H	930	2	Oct. 28
Kesler F. H	931	1	Oct. 29
Laramie, Nelson	915	3	July 15
Lenhart, L. Y	909	3	June 18
Linn, Adolph	906	2	May 22
Lutiger, Joseph H	920	4	Aug. 11
Miller, W. R	914	3	July 10
Morhiser, W. H	908	2	June 9
Oakins, Clarence F	916	3	July 27
Richardson, Wilbur P	924	1	Aug. 23
Rood, William A	932	3	Dec. 1
Strom, J. W	928	3	Sept. 24
Tuttle, Gilbert	926	1	Sept. 6
Van Slyke, Fred. W	929	6	Oct. 7
Williams, Maurice R	905	1	May 19
Zeiler, August	925	2	Aug. 31

Engineers licensed during the year ended December 31, 1897—Dubuque, Iowa.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers.			
Adamson, William	9876	20	May 6
Anding, Herman A	9803	13	Jan. 4
Anthony, Edward	9868	6	May 1
Appleton, Charles H	12635	21	Aug. 16
Arnold, George J	9887	24	May 18
Axtell, J. M	12677	3	Dec. 14
Bain, Warren	12609	6	June 11
Barsley, Winfield L	12604	7	June 5
Beare, John H	12608	20	June 11
Bec, George	12606	9	June 9
Beesley, A. D	9805	12	Jan. 4
Beesley, Harry	9846	26	Apr. 20
Beesley, Benjamin	9862	22	Apr. 26
Beyer, C. F	9888	21	May 19
Bingham, Henry	9844	12	Apr. 20
Brewer, Henry	12672	21	Nov. 23
Bromley, John C	12636	24	Aug. 23
Burchett, James	9842	26	Apr. 17
Burk, Patrick	9838	7	Apr. 6
Burns, William	9869	22	May 2
Burns, J. M	12637	14	Aug. 25
Burtnett, Spencer B	9840	5	Apr. 14
Burtnett, Thomas Q	12612	3	June 19
Bywater, William	12602	8	June 4
Carleton, H. E	9850	9	Apr. 22
Carter, Robert	12622	15	July 12
Cary, James J	9808	2	Jan. 28
Chamberlain, Frank A	12678	10	Dec. 14
Chambers, Thomas C	9890	23	May 22
Craven, Samuel O	9898	26	May 29
Dansberry, George M	9879	36	May 10
Davis, Bert	9848	5	Apr. 22
Davis, William M	12627	5	July 17
Dawley, D. C	12659	20	Oct. 19
Day, G. H	12676	24	Dec. 4
DeCamp, Thomas	12618	5	July 3
Dillon, Charles L	9814	4	Feb. 26
Dillon, Joseph J	9826	6	Mar. 11
Dillon, D. C	12656	14	Oct. 9
Dixon, E. D	9836	28	Mar. 30
Dolson, L. G	12623	23	July 12
Duncan, James	9849	12	Apr. 22
Ecklor, William	12668	7	Nov. 12
Ellis, Edgar H	12646	6	Sept. 13
Ewing, William W	12664	22	Nov. 4
Fengler, Richard	12661	24	Oct. 22
Feran, James	9878	21	May 8
Ferguson, James	12639	23	Aug. 28
Feury, John D	12631	7	July 27
Fichter, Joseph B	9835	9	Mar. 26
Fichter, Michael A	12644	9	Sept. 2
Fisher, William	12617	23	July 1
Fitzgerald, Martin P	9891	5	May 23
Fox, J. G	12658	16	Oct. 13
Fuller, Clair C	9883	7	May 17
Fuller, Roy C	9892	1	May 24
Fuller, Hiram	12626	23	July 14
Fuller, Joseph H	12628	16	July 20
Gerlich, Henry L	9827	9	Mar. 15
Glynn, William H	9830	25	Mar. 22
Goldsmith, F. E	9806	9	Jan. 6
Goldsmith, Clarence L	12610	2	June 12
Goodloe, Christopher T	9880	16	May 10
Graham, Oliver	12670	13	Nov. 17
Gunderman, Henry	9821	5	Mar. 5
Haessig, Jacob	12645	10	Sept. 13
Hakes, George	12650	14	Sept. 21
Hanley, Daniel R	9820	4	Mar. 4
Hanley, Michael L	9865	10	Apr. 29
Harris, James H	12663	16	Oct. 29
Harvey, Charles S	9899	21	May 30
Heck, William	9893	23	May 24
Henderson, C. M	12630	8	July 27
Hendrich, Joseph	12671	3	Nov. 20
Hertzberg, Adolph M	9813	5	Feb. 22
Higbee, George M	9871	13	May 4
Higbee, Charles H	9873	22	May 5
Hill, Winnington	12665	6	Nov. 10
Chief engineers—Continued.			
Horton, Henry A	9861	24	Apr. 24
Horton, George W	12679	1	Dec. 18
Howard, John S	12648	17	Sept. 17
Hufman, William H	9825	14	Mar. 10
Hufman, Fred	12634	13	Aug. 13
Humberstone, Lewis	12666	12	Nov. 11
Isherwood, Thomas G	9804	15	Jan. 4
Ives, Thomas	12642	21	Sept. 2
Johnston, William K	9895	12	May 25
Keene, Phillip	9881	22	May 13
Kindred, W. O	9847	17	Apr. 20
King, Levi M	9809	18	Jan. 29
Kraus, Conrad	9852	25	Apr. 22
Kraus, William	9856	9	Apr. 24
Lancaster, George O	9857	9	Do.
Langford, Perry	12633	16	Aug. 1
Laurence, Elisha	9834	21	Mar. 25
Leach, Dow	12620	13	July 8
Leonard, Frank E	9886	3	May 18
Long, Thomas F	9860	14	Apr. 24
Lumley, Charles E	9829	7	Mar. 22
Madin, Nathan	9823	4	Mar. 8
Maines, P. M	12647	22	Sept. 16
Manwaring, J. H	9854	13	Apr. 24
Maples, R. A	12674	9	Nov. 30
Martin, J. K	12615	4	June 28
Martin, P. H	12660	22	Oct. 22
Matthews, Andrew	9863	19	Apr. 26
McCraney, William	9864	32	Do.
McCraney, Elmer	12629	12	July 24
McGuire, Edward	9859	15	Apr. 24
McKeever, John	9855	23	Do.
Miller, Fletcher B	12662	1	Oct. 27
Monaghan, George M	9818	17	Mar. 2
Monaghan, Charles L	9824	12	Mar. 9
Moore, William M	9867	15	Apr. 30
Morgan, Z. C	9845	21	Apr. 20
Morgan, Charles B	12632	12	July 31
Murray, O. L	9819	6	Mar. 3
Newcomb, Milton H	9817	6	Feb. 27
Newcomb, John F	12673	15	Nov. 27
Nims, O. W	9832	10	Mar. 22
O'Hare, Charles P	9812	5	Feb. 19
Oleson, Ole	9897	12	May 29
Pelton, T. G	9882	19	May 17
Pickety, John H	9889	16	May 22
Pierce, W. H	9839	33	Apr. 9
Pierson, Harry	12601	3	June 1
Potter, O. G	12675	7	Dec. 1
Prentiss, Samuel J	9815	16	Feb. 26
Rockwood, Bernard B	9807	4	Jan. 8
Rockwood, George	9811	2	Feb. 12
Roddy, A. J	12657	14	Oct. 12
Ross, James M	12641	26	Aug. 30
Roundy, Pearl	9870	17	May 2
Roundy, O. H	12619	9	July 6
Sauer, Edmund	9801	8	Jan. 1
Schoel, William	9816	9	Feb. 26
Selleck, A. E	12616	16	July 1
Serene, John H	9877	9	May 7
Servis, E. E	12605	2	June 9
Shadle, Robert L	12654	6	Oct. 8
Shannon, Robert	9841	29	Apr. 16
Shannon, Hugh	12652	28	Sept. 23
Sherman, James L	12655	39	Oct. 8
Smith, P. M	9872	21	May 4
Smith, J. W	12621	5	July 11
Smith, Luce	12624	29	July 13
Solomon, Robert E	12640	24	Aug. 30
Sparks, Marion L	9853	14	Apr. 24
Specht, Henry	12625	23	July 13
Stokes, Edward	9822	5	Mar. 8
Stokes, Elmer	9858	9	Apr. 24
Stokes, Alexander	9884	18	May 17
Stone, Ira L	9875	17	May 6
Streckfus, John	9828	4	Mar. 16
Strom, Ole E	9896	17	May 29
Sturdevant, J. C	12638	5	Aug. 26

Engineers licensed—Dubuque, Iowa—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Swain, D. M	9874	23	May 6
Swain, George F	12649	9	Sept. 18
Swartz, John B	9810	6	Feb. 4
Trew, J. W	12607	38	June 9
Utter, Frank C	9802	5	Jan. 3
Walker, William R	12651	5	Sept. 23
Walker, Samuel A	12653	13	Sept. 25
Wareham, A. H	9837	15	Apr. 6
Warren, John	9851	22	Apr. 22
Wescott, David	9831	17	Mar. 22
Whitney, Frank A	9843	18	Apr. 19
Wilcox, H. C	9866	23	Apr. 30
Williams, Charles P	9833	17	Mar. 23
Wilson, Benjamin	9900	34	May 31
Winslow, G. L	12611	24	June 16
Woodworth, Arthur S	12669	7	Nov. 15
Worley, Jabez B	9885	21	May 18
Worthington, William	9894	5	May 24
Wright, John T	12614	21	June 28
Wright, Thomas	12643	28	Sept. 2
Wright, Edwin W	12667	27	Nov. 11
Wybrant, John	12603	42	June 5
Wykoff, George	12613	25	June 19
Assistant engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Baldwin, William G	3996	9	July 16
Barnhart, William O	3914	4	Mar. 2
Chevalier, Fred	3927	8	Mar. 13
Cornell, C. E	3979	3	May 31
Cosner, A. L	3905	7	Jan. 16
Danley, Edwin J	3968	9	May 22
De Lorimier, Charles C	3934	8	Mar. 24
Drummond, Nathan H	4000	1	July 23
Dundey, W. A	3991	8	July 1
Earl, Otis A	7811	6	Aug. 10
Fayerweather, A. C	3940	8	Apr. 6
Fest, Charles	3902	8	Jan. 5
Fielty, John	3950	17	Apr. 28
Fischer, Hugo E	7841	5	Nov. 29
Flink, John	3969	1	May 22
Gault, William A	3954	14	May 1
Gibbs, Phillip A	3938	3	Apr. 6
Gillett, Fred	3955	7	May 2
Gillett, James H	3957	4	May 6
Gillette, Frank	3937	2	Mar. 31
Graham, Fred	7814	5	Aug. 23
Grineson, Peter	3988	23	June 28
Gunderman, William	3994	7	July 13
Harrison, Thomas J	3923	6	Mar. 10
Hart, Judson J	3972	1	May 24
Haskins, Frank E	7801	9	July 24
Heaton, James	3952	3	Apr. 30
Heck, William S	7819	9	Aug. 31
Hemphill, John E	3924	5	Mar. 10
Hild, J. G	3982	20	June 11
Houston, John E	7817	13	Aug. 24
Hunt, W. O	3931	15	Mar. 22
Hustleby, Edward L	3928	4	Mar. 15
Hysell, William A	3985	7	June 15
Johnson, Levi J	7843	5	Dec. 1
Kimbel, Adolph	3966	3	May 13
King, Jackson I	3903	6	Jan. 9
Martin, Thompson G	3942	6	Apr. 13
Maxwell, Jesse F	3919	8	Mar. 8
Mikesell, Addison	3989	26	June 28
Moore, William	7829	6	Oct. 19
Olsen, Claus B	3922	1	Mar. 10
Pierce, Mark M	3984	7	June 14
Prichard, Owen H	3949	3	Apr. 28
Raymond, Willard L	7818	8	Aug. 28
Rhoades, Charles G	7847	7	Dec. 16
Roundy, Milton A	3948	10	Apr. 24
Assistant engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Serrine, James	3915	13	Mar. 2
Simpson, James	7824	7	Sept. 22
Smith, Frank E	7812	7	Aug. 12
Spicer, Asher	3967	3	May 18
Tamsett, Frank M	3926	15	Mar. 13
Vought, C. J	3987	8	June 19
Welsh, Thomas A	7840	14	Nov. 15
Whitney, Wilbur W	3980	5	June 2
Wier, Frank	3964	21	May 11
Wiley, John R	3953	14	May 1
Wood, Benjamin F	7833	3	Oct. 28
Woolsey, Vol J	3974	5	May 25
Assistant engineers.			
Adams, Wilfred T	3908	2	Jan. 29
Adams, Joseph L	3993	5	July 2
Benedict, Charles A	3936	5	Mar. 28
Berger, J. W	3933	7	Mar. 24
Blair, Edward D	3916	9	Mar. 2
Boeckh, William	3944	8	Apr. 17
Burdick, William A	7831	8	Oct. 23
Burns, Thomas	3901	14	Jan. 1
Burns, P. G	7802	2	July 24
Burns, Isaac	7810	2	Aug. 9
Burtnett, Andrew	7839	5	Nov. 15
Cameron, William E	3918	7	Mar. 3
Cayas, Riley	3971	1	May 24
Church, George	3945	5	Apr. 21
Clark, Lloyd W	7807	2	Aug. 1
Conwell, Robert J	3912	2	Feb. 16
Crosby, C. P	3977	21	May 29
Dansberry, George W	7815	3	Aug. 23
Davenport, Otho	7844	2	Dec. 2
Davison, Marion	3921	9	Mar. 9
Day, Louis A	3961	7	May 8
Decker, Harry P	3973	1	May 24
Dillon, Frank H	3946	12	Apr. 22
Dillon, John A	3959	8	May 8
Donaldson, Andrew	7845	3	Dec. 3
Driscoll, Michael	3956	13	May 3
Estes, Frank E	7842	13	Nov. 30
Feehan, John	7827	2	Oct. 8
Fransioli, Clement	3910	2	Feb. 5
Friel, John	7830	8	Oct. 20
Fuller, John E	3904	4	Jan. 13
Fuller, George R	3930	4	Mar. 18
Fuller, Lyman O	3995	14	July 15
Gardner, Waldo L	7820	8	Sept. 1
Gentzkow, George	7805	9	July 29
Gibson, William H	3929	5	Mar. 16
Gilbert, Roy	7846	1	Dec. 7
Hall, Archibald, jr	7806	16	July 29
Higbee, Fred B	3909	1	Feb. 3
Hinkson, L. H	3990	11	June 29
Horton, George W	3998	6	July 22
Hundt, John	3992	16	July 2
Jensen, Albert M	3925	4	Mar. 11
Johnson, Clark E	3939	5	Apr. 6
Kammerer, Charles	3913	11	Feb. 18
King, Levi H	7838	3	Nov. 13
La Chapelle, David	3983	11	June 12
La Point, Louis	7822	5	Sept. 17
Lawson, Marion W	7804	1	July 28
Marshall, Frank	7828	10	Oct. 12
McGuire, George M	7823	2	Sept. 18
Millar, William J	7808	4	Aug. 4
Morgan, Robert L	7836	7	Nov. 8
Nesbitt, Newton	7832	1	Oct. 23
Newberg, Andrew	3978	2	May 31
Newcomb, Edward J	3932	4	Mar. 24
Nietzel, John S	3986	14	June 18
Oliver, Ashley	3976	3	May 26
Piper, George C	7821	8	Sept. 4
Prolow, Henry	3911	5	Feb. 10
Reed, Cyrus S	3943	12	Apr. 17

Engineers licensed—Dubuque, Iowa—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Assistant engineers—Continued.			
Rierdon, Edward	3941	10	Apr. 12
Robinson, Leon F	3965	3	May 12
Ross, Nathan	3960	17	May 8
Rourke, James O	3962	9	Do.
Schaefer, George H	3997	4	July 17
Schaffner, John	3999	6	July 23
Schreiner, Jacob J	3906	6	Jan. 26
Shannon, William	3947	14	Apr. 23
Shaw, William H	7816	4	Aug. 23
Shay, Philo	3907	2	Jan. 27
Smith, Oscar	3917	7	Mar. 2
Snell, Frank P	3951	3	Apr. 29
Sparks, William H	7809	10	Aug. 5
Sullivan, John L	3963	13	May 10
Thompson, W. W	3970	10	May 24
Tinker, Ralph	7835	3	Nov. 1
Toker, Harry H	7834	2	Oct. 29
Van Duzer, H. E	3958	14	May 7
Von Heine, Charles	3935	2	Mar. 24
Walker, John L	7813	2	Aug. 16
Wendt, Charles H	7803	5	July 26
Whistler, George H	3975	1	May 25
Wilcox, Bruce	3920	9	Mar. 8
Wykoff, George, jr	3981	6	June 11
Yohn, Charles A	7837	1	Nov. 12
Special engineers.			
Amison, Harry	1810	1	May 10
Bouvia, Trif	1820	5	June 15
Bouvia, Fred	7826	2	Sept. 27
Chadwick, H. N	1832	2	Sept. 4
Collins, Clara I	1835	4	Sept. 21
Dikeman, William H	1804	2	Apr. 6
Special engineers—Continued.			
Flink, John	1803	6	Mar. 18
Gelatt, W. B	1806	3	Apr. 14
Gelatt, William H	1834	2	Sept. 10
Gordon, Charles C	1802	4	Feb. 20
Hansen, Charles L	1818	1	June 1
Johnson, Fred L	1837	3	Nov. 13
King, Ira F	1823	7	June 28
Koehler, Conrad	1821	3	June 18
Lacy, Ambrose C	1807	6	Apr. 21
Laws, Gilbert A	1830	1	Aug. 19
Leicht, Emil	1819	4	June 12
Maguire, Francis	1801	1	Jan. 5
McRae, William	1812	4	May 17
Nagle, Henry	1826	4	July 28
Olinger, George W	1809	2	May 8
O'Rourke, John	1828	1	Aug. 7
Perry, George W	1825	8	June 30
Peterson, Martin	1805	10	Apr. 12
Roach, James	1838	13	Nov. 19
Rogers, George N	1808	4	Apr. 23
Rupert, Dell E	1817	1	June 1
Schott, William G	1827	10	Aug. 4
Scott, Frank	1811	1	May 13
Senechal, Edward H	1814	1	June 1
Smee, H. H. M	1815	1	Do.
Smith, William J	1822	1	June 19
Sommers, Arthur F	1831	6	Aug. 26
Story, Eugene	7825	2	Sept. 23
Thomson, James L	1824	8	June 29
Tyler, Claro P	1829	5	Aug. 13
Washburn, William B	1813	1	May 26
Wendt, Frank D	1833	1	Sept. 7
Williams, Maurice R	1836	7	Sept. 24
Yocum, Harry B	1816	1	June 1

LOCAL DISTRICT OF DULUTH, MINN.

Masters licensed during the year ended December 31, 1897—Duluth, Minn.

Name.	No. of license.	No. of issue.*	Date of issue.
River.			
Lange, J. H	9912	7	Aug. 21
River—Continued.			
Smith, W. C	9883	3	June 29

Masters and pilots licensed during the year ended December 31, 1897—Duluth, Minn.

Lake.			
Baird, John D	9948	1, 6	Nov. 3
Bakewell, Thomas N	9855	18	May 27
Ballentine, Edwin D	9859	18	May 29
Barker, Charles S	9802	19	Jan. 19
Bassett, Charles H	9951	26	Nov. 9
Benson, Fred G	9947	15	Oct. 27
Bishoff, Frank A	9886	16	July 12
Bonnah, Victor, jr	9888	13	July 15
Boyce, Malcom A	9936	7	Oct. 6
Brower, Frank R	9830	20	Apr. 30
Brown, Edgar R	9833	12	May 1
Brown, Carl	9914	8	Aug. 22
Brooks, George E	9916	9	Aug. 24
Bunker, John	9915	14	Do.
Burke, James	9856	15	May 28
Burnett, William	9838	17	May 8
Burnham, Samuel E	9812	7	Mar. 10
Cameron, M. C	9918	1, 9	Aug. 25
Lake—Continued.			
Campbell, Neil	9866	6	June 7
Christian, Edward F	9926	17	Sept. 8
Clausen, Andrew	9813	5	Mar. 15
Clow, Duncan J	9829	10	Apr. 28
Clow, John H	9873	10	June 18
Coburn, Ira	9899	20	Aug. 5
Coburn, Rosselle P	9950	23	Nov. 8
Conniff, Thomas M	9909	2, 10	Aug. 18
Corcoran, Joseph	9823	23	Apr. 25
Cottrell, Joseph	9840	25	May 8
Cottrell, George L	9939	20	Oct. 16
Cowley, Robert J	9903	16	Aug. 13
Cox, Alonza A	9902	28	Aug. 11
Cox, Joseph	9895	16	July 27
Daugherty, Frank B	9957	13	Dec. 13
Ditzel, Henry E	9820	2	Apr. 20
Fick, Frank A	9898	30	Aug. 2
Flynn, Cornelius O	9868	17	June 8

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Duluth, Minn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Lake—Continued.				*Lake*—Continued.			
Flynn, John	9845	13	May 17	Sower, Joseph G	9878	20	June 23
Foley, John P	9842	10	May 10	Stewart, Frank G	9821	15	Apr. 21
Fuller, E. M	9831	9	May 1	Stewart, Albert E	9877	15	June 23
Galton, Frederick	9853	12	May 24	Stewart, Fred	9892	12	July 21
Gibson, Thomas D	9872	12	June 15	Stewart, W. W	9836	22	May 7
Graves, Andrew M	9880	24	June 28	Stoakes, Edgar J	9854	15	May 26
Grant, Charles J	9942	8	Oct. 19	Stone, Henry W	9865	17	June 5
Graham, William D	9806	2	Feb. 15	Stone, Lewis W	9881	12	June 29
Haberer, Martin J	9819	12	Apr. 19	Tappan, Asa G	9870	14	June 9
Hartman, Charles	9885	17	July 3	Thorn, William	9943	42	Oct. 20
Hartman, John	9811	13	Feb. 27	Townsend, Bernard	9905	16	Aug. 17
Hector, Jacob F	9816	15	Apr. 8	Twichell, John M	9835	21	May 3
Humphrey, William H	9822	18	Apr. 23	Tyrney, John	9908	19	Aug. 18
Hutchins, William	9952	21	Nov. 15	Vaughn, John F	9954	16	Nov. 21
Inman, Byron B	9933	27	Oct. 1	Vorous, O. J	9938	12	Oct. 12
Inman, Hiram G	9931	15	Sept. 30	Wheeler, Martyn	9817	24	Apr. 15
Jacques, Elie	9857	25	May 28	Wright, Dillon P	9860	18	May 29
Jackson, Richard	9901	18	Aug. 11				
Johnson, William H	9891	16	July 21	*River.*			
Jones, Stephen R	9922	14	Sept. 4				
Jordan, John W	9861	28	May 31	Belk, John M	9940	18	Oct. 18
Kilby, Willard H	9953	15	Nov. 19	Beyl, Gustave	9850	10	May 22
King, Lewis E	9944	16	Oct. 21	Bronson, David	9911	10	Aug. 21
Lewis, Samuel E	9814	2	Apr. 3	Brown, Elmer E	9897	10	July 30
Mansfield, Ira B	9930	18	Sept. 20	Demers, Charles	9932	18	Sept. 30
Martin, Edward	9937	12	Oct. 9	Doherty, Bernard	9920	9	Aug. 27
Majo, Albert C	9924	25	Sept. 8	Eames, Albert W	9879	17	June 26
McCormick, James H	9858	28	May 29	Flynn, Daniel	9827	10	Apr. 28
McDougall, Alexander	9907	28	Aug. 17	Fuller, Solomon	9863	10	June 3
McEachern, Malcolm	9919	11	Aug. 26	Garrison, L. C	9946	19	Oct. 25
McGregor, Wilson B	9906	31	Aug. 17	Gould, William H	9809	17	Feb. 26
McIntosh, Murray G	9949	15	Nov. 8	Griggs, William	9929	13	Sept. 18
McLean, Murdick	9935	16	Oct. 5	Gunn, Harry C	9852	11	May 23
McNeil, John S	9913	30	Aug. 22	Hunter, Walter S	9804	5	Jan. 28
Miller, Charles D	9864	11	June 4	Heerman, E. E	9807	18	Feb. 15
Millard, Cyrus S	9900	24	Aug. 8	Hoy, Thomas	9839	16	May 8
Minar, George A	9869	16	June 9	Haskell, J. W	9958	19	Dec. 20
Mulholland, Mathew	9834	12	May 1	Hilger, Nicholas	9887	12	July 14
Murch, Maynard H	9928	36	Sept. 14	Jewell, Benjamin	9910	19	Aug. 19
Murphy, Henry	9955	19	Nov. 22	Knapp, George B	9810	15	Feb. 27
Nahrstedt, John	9921	5	Aug. 31	Libbey, Roland C	9832	13	May 1
Nichols, Flynt	9808	9	Feb. 17	Luke, William	9837	15	May 7
Nicholson, James W	9904	11	Aug. 16	McClellan, J. A	9875	13	June 22
Niland, Martin	9818	29	Apr. 19	Meeds, Charles H	9801	23	Jan. 9
Paul, Antoine	9824	14	Apr. 26	Miller, Charles F	9815	10	Apr. 3
Peterson, John D	9874	17	June 18	Minder, Eli	9848	24	May 20
Pringle, W. A	9867	16	June 8	Orton, Peter M	9884	12	July 2
Quinlan, James	9934	20	Oct. 1	Perro, Sylvester	9825	14	Apr. 26
Rafferty, John C	9846	22	May 18	Pond, Daniel W	9889	8	July 18
Rattray, Andrew	9882	31	June 29	Quinlan, John W	9828	11	Apr. 28
Richardson, Henry	9844	27	May 13	Register, Samuel M	9843	23	May 11
Richardson, Joseph	9862	12	June 2	Rives, Joseph B	9894	6	July 23
Root, Frank D	9847	22	May 19	Rowan, Andy A	9925	12	Sept. 8
Reyder, Dallas	9927	25	Sept. 14	Sims, William H	9876	20	June 22
Scott, George H	9945	12	Oct. 22	Smith, William M	9826	13	Apr. 26
Shea, John	9851	14	May 23	Smith, John C	9841	20	May 10
Sinclair, Alexander R	9917	28	Aug. 25	Stevens, M. F	9893	17	July 23
Small, George A	9941	16	Oct. 18	Truax, Sid J	9805	15	Feb. 3
Smith, Robert	9871	19	June 12	Webber, Jeremiah	9956	17	Nov. 29
Smith, Edward C	9896	7	July 29	Woolfolk, R. F	9849	20	May 20
Smith, Edward S	9890	16	July 19	Young, August R	9803	18	Jan. 19
Smith, Alfred C	9923	23	Sept. 3				

Pilots licensed during the year ended December 31, 1897—Duluth, Minn.

First-class pilots (lake).				*First-class pilots (lake)*—Continued.			
Ames, William J	2746	9	July 20	Bernard, Frank	2742	9	July 14
Bullerwell, William	2715	9	Apr. 22	Cayo, Walter J	2722	10	May 18
Blair, Edward	2717	6	May 8	Chapman, James	2732	14	June 24
Bell, Thomas	2718	20	May 11	Cowley, Robert H	2736	2	June 29
Belcore, Louis	2719	6	May 13	Carroll, Charles B	2754	10	Aug. 2
Bamford, D. D	2725	9	June 5	Cowie, Andrew	2761	6	Aug. 28
Brant, August	2737	9	July 3	Cole, James	2762	16	Sept. 7
Briquelet, John H	2741	14	July 12	Cole, Martin	2772	11	Sept. 30

Pilots licensed—Duluth, Minn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots (lake)—Continued.			
Cooney, John	2782	13	Nov. 6
Durfey, Samuel B	2750	19	July 29
Dragland, Severin	2776	10	Oct. 5
Elsey, Arthur W	2757	8	Aug. 15
England, Edward	2766	10	Sept. 14
Fisher, Albert H	2712	9	Apr. 19
Fuller, Frank	2724	18	June 4
Green, Charles H	2709	9	Apr. 3
Gutch, Paul	2735	2	June 28
Green, Walter J	2747	10	July 23
Gibson, George	2769	11	Sept. 21
Gegenheimer, Chas. M.	2775	4	Oct. 2
Hadland, Thomas	2701	3	Jan. 18
Herbert, William J	2702	18	Do.
Hall, William A	2720	5	May 15
Hilbert, James S	2728	8	June 11
Heaney, John	2739	6	July 7
Howard, Benjamin F	2786	8	Nov. 26
Jeffery, John H	2731	11	June 21
Johns, John F	2760	4	Aug. 24
Jacobson, Charles	2783	12	Nov. 11
Kent, Albert H	2749	9	July 26
Kinyon, Frank V	2779	15	Oct. 19
Lachappelle, Louis	2721	7	May 18
Lachappelle, Edward	2734	2	June 25
Leihy, Charles R	2751	10	July 31
Lafay, Leonard	2759	10	Aug. 24
Mathieson, John W	2703	6	Feb. 19
McLaughlan, Thomas	2708	12	Mar. 27
McDonald, Grafton	2716	4	Apr. 30
McArthur, John	2729	3	June 12
McArthur, Archibald	2770	8	Sept. 24
McGillivray, Neil	2771	6	Sept. 30
McDonald, Willam	2780	10	Oct. 26
McLauchlan, William	2781	10	Nov. 1
Matheson, Murdock	2727	14	June 9
Murphy, Joseph	2743	3	July 14
Manion, Henry R	2745	7	July 19
Mitchell, Dana	2773	2	Oct. 2
Nelson, Arthur C	2778	5	Oct. 15
Pierce, William L	2705	4	Mar. 10
Patterson, Robert E	2707	16	Mar. 17
Pocock, Henry A	2726	10	June 9
Pickell, Edward S	2744	7	July 14
Prior, James	2774	8	Oct. 2
Poulton, Thomas J	2784	8	Nov. 18
Rehbein, John	2723	10	June 2
Robb, David	2755	7	Aug. 6
Rogers, Wallace G	2768	5	Sept. 20
Sylvester, George	2730	13	June 18
Savage, Henry L	2752	13	July 31
Smith, John	2753	9	Aug. 2
Stevens, Darwin E	2756	13	Aug. 14
Sullivan, James	2777	3	Oct. 12
Thompson, John P.	2711	6	Apr. 13
Thompson, William F	2733	12	June 24
Trezise, Phillip H	2767	17	Sept. 15
Tear, Franz S	2785	5	Nov. 18
Thompson, Charles E	2787	7	Nov. 29
Tilden, Lewis S	2788	2	Dec. 2
Wood, Walter W	2704	6	Feb. 27
Wood, Joseph S	2714	2	Apr. 20
Walker, Donald	2738	15	July 6
Walker, Bert R	2765	2	Sept. 10
First-class pilots (river).			
Burkleo, Henry	2758	8	Aug. 24
Carroll, John	2710	4	Apr. 10
Hayes, John	2764	8	Sept. 9
Knippenberg, Emil	2740	2	July 7
Nihart, Charles	2748	16	July 23
Sullivan, Timothy	2713	7	Apr. 19
Slattery, W. J	2763	15	Sept. 8
Weyett, John	2706	9	Mar. 16
Second-class pilots (lake).			
Ames, Francis C	3017	1	Mar. 20
Ackley, Daniel	3029	2	May 10
Bond, Elias	3009	2	Feb. 23
Brower, Henry F	3018	2	Mar. 26
Brian, Thomas	3028	7	May 8
Boyd, Hugh	3044	2	May 26
Brown, James E	3095	1	Oct. 7
Buel, Grover A	7006	16	Dec. 9
Cameron, John A	3037	3	May 15
Curran, Charles M	3045	5	June 2
Case, Bernard L	3054	1	June 26
Chatteau, John E	3073	6	Aug. 19
Carroll, Mathew	3078	12	Aug. 27
Conlin, Thomas	3088	2	Sept. 18
Clow, Edwin C	3094	8	Oct. 2
Cronk, Daniel	7001	8	Nov. 5
Doherty, John E	3003	4	Jan. 6
Dewar, Ethelbert J	3080	3	Aug. 31
Douglas, William S	3098	5	Oct. 26
Dunn, Patrick H	7003	2	Nov. 16
Elliott, Henry S	3065	12	July 19
Falconer, Ebenezer	3004	2	Jan. 29
Francis, Robert L	3010	3	Feb. 26
Farrington, Harley D	3060	10	July 10
Fuller, James E	3091	9	Sept. 30
Freshette, Frank	3092	10	Oct. 2
Grady, John	3013	2	Mar. 8
Hill, Frank R	3052	5	June 18
Hoy, William E	3058	4	July 3
Henry, John W	3064	2	July 19
Hibbard, Clell	3076	12	Aug. 25
Hughes, Joseph	3087	2	Sept. 16
Hill, Edward	3096	4	Oct. 13
Hagerman, Andrew	3099	16	Oct. 28
Jeffery, William	3002	12	Jan. 2
Jones, William	3012	2	Mar. 3
Jacobs, Lyman B	3021	5	Apr. 14
Jacobs, Joseph	3042	5	May 24
Jeffery, Simon	3049	9	June 9
La Vaque, George N	3001	7	Jan. 2
Lameraux, Simon A	3005	4	Feb. 2
Lloyd, George	3008	9	Feb. 15
Leahy, James	3026	1	Apr. 29
Lloyd, Walter S	3032	2	May 12
Maples, Charles R	3019	6	Mar. 31
Morrin, Williliam	3022	12	Apr. 20
McGuire, John	3033	6	May 12
McIntosh, John E	3051	1	June 14
McKay, Alexander	3079	9	Aug. 27
McGregor, Daniel	3085	1	Sept. 8
McGarry, William	3089	7	Sept. 18
Magee, James	3084	6	June 3
Montgomery, Edwin	3055	5	June 26
Morrison, Dougal	3070	3	Aug. 4
Noglegord, Charly	3011	2	Mar. 1
Neville, Daniel	3023	2	Apr. 21
Norton, John H	3061	6	July 14
Osborn, William	3040	10	May 22
Pasque, John	3030	6	May 11
Pitcher, Orlando E	3067	9	July 27
Peterson, Peter	7002	1	Nov. 5
Prindle, William E	7005	2	Dec. 2
Roynaldson, Soren	3007	1	Feb. 10
Rodman, Nathaniel D	3016	5	Mar. 16
Roy, Lawrence	3050	2	June 12
Swanes, John	3024	9	Apr. 28
Session, Willett A	3027	10	May 5
Stubbs, Freeman	3034	10	May 12
Stapnes, Lars M	3038	3	May 15
Strand, Alexander	3053	3	June 25
Swank, Samuel B	3081	4	Aug. 31
Turgeon, William	3057	12	July 1
Taylor, Alfred	3059	10	July 9
Winter, Charles	3014	2	Mar. 8
Wheeler, Harry	3015	10	Mar. 13
Wagner, Emil	3020	7	Apr. 14

Pilots licensed—Duluth, Minn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots (lake)—Continued.			
Westaway, Richard W.	3035	1	May 13
Wilcox, John	3036	8	Do.
Wray, John H	3100	1	Nov. 2
Second-class pilots (river).			
Connors, Patrick	3071	7	Aug. 5
Guion, Joseph M	3031	7	May 11
Hurley, Thomas B	3006	5	Feb. 8
Hayes, John D	3043	1	May 25
Hayes, J. J	3062	3	July 14
Silvis, John G	3046	9	June 1
Scullin, Thomas	3077	1	Aug. 25
Sullivan, James	7004	1	Nov. 18
White, Henry	3069	9	July 30
Special pilots (lake).			
Bourdon, Oscar	3025	4	Apr. 28
Fifield, Sam S	3041	5	May 22
Special pilots (lake)—Continued.			
Glynn, Martin E	3097	3	Oct. 20
Hugo, T. W	3068	4	July 29
Hanson, John H	3090	7	Sept. 29
Mann, Jacob W	3075	4	Aug. 24
Mackie, Thomas H	3093	5	Oct. 2
Nicholson, William	3056	2	June 29
Rossiter, Charles W	3063	3	July 14
Ryan, Michael J	3082	8	Sept. 2
Williams, Theodore H	3047	1	June 3
Witt, Herman	3066	7	July 19
Wetterlind, Charles	3072	3	Aug. 11
Wilson, George	3083	4	Sept. 3
Special pilots (river).			
Bosley, Robert J.	3086	6	Sept. 14
Munro, James	3039	4	May 17
Maison, Thomas	3074	7	Aug 19
Miller, James	3084	4	Sept. 14

Joint pilots and engineers licensed during the year ended December 31, 1897—Duluth, Minn.

Lake.			
Bardon, John A	968	3	Aug. 11
Brown, John	962	2	July 23
Cross, Albert A	984	3	Oct. 25
Davis, Earl E	974	3	Sept. 11
Hugo, Victor	964	3	Aug. 2
Keaough, Eugene H	969	5	Aug. 13
Lindahl, Frederick E	958	2	June 23
McManus, Edwin	972	1	Sept. 1
Murphy, Walter James	959	2	June 26
Olson, August	977	2	Sept. 29
Robert, J. Arthur	952	6	May 16
Spalding, William M	973	11	Sept. 1
Swift, William P	960	3	July 10
Vincent, R. C	981	3	Oct. 8
River.			
Anderson, Axel	963	3	July 30
Breck, John D	961	1	July 21
River—Continued.			
Delihant, Gerald	956	1	June 16
Fish, Leslie B	970	2	Aug. 13
Knapp, George B	954	3	June 12
Lange, Jacob H	957	3	June 22
Martin, Joseph D	966	2	Aug. 4
Nelson, Emanuel W	983	1	Oct. 22
Nelson, John W	976	4	Sept. 22
Orme, James E	980	2	Oct. 1
Rives, Joseph B	965	6	Aug. 2
Saxine, John	953	4	May 18
Seiz, B. F	979	3	Sept. 29
Scott, Robert	951	5	Mar. 31
Schroeder, George	967	3	Aug. 5
Stroud, Harris K	971	5	Aug. 19
Smith, A. L	978	3	Sept. 29
Stein, Rudolph	982	3	Oct. 12
Walker, Willard	955	1	June 16
Young, Michael	975	3	Sept. 18

Engineers licensed during the year ended December 31, 1897—Duluth, Minn.

Chief engineers (ocean).			
Flynn, John	10016	14	July 27
Hugo, T. W	10018	10	July 29
Chief engineers (lake).			
Adams, Wilbert E	9920	20	Apr. 3
Abbott, John	9923	14	Apr. 12
Adams, Charles	10038	13	Aug. 28
Armstrong, Seaman W.	10073	22	Nov. 9
Burton, Henry	9907	12	Feb. 17
Baker, Alfred	9915	24	Mar. 22
Bowers, Thomas	9918	8	Mar. 27
Brower, Frank R	9944	5	Apr. 30
Beatty, Robert	9947	8	May 6
Beauchemin, Alfred	9954	25	May 11
Barrows, Fred B	9958	15	May 14
Briggs, Freeman	9967	14	May 22
Blauvelt, George E	9979	15	June 10
Barry, Maddy	9995	19	June 25
Burns, Martin J	9998	15	June 29
Chief engineers (lake)—Continued.			
Bishop, James H	10017	10	July 29
Burnett, William	10054	15	Sept. 22
Belloir, George	10057	23	Sept. 30
Bouchard, Charles E	10070	4	Oct. 25
Blauvelt, John	10075	7	Nov. 13
Countryman, James H.	9913	7	Mar. 16
Chalk, Henry	9956	28	May 12
Cronk, Daniel A	9961	21	May 19
Cossairt, Perry	9982	14	June 12
Condlon, Edward J	10006	15	July 14
Caisse, Antoine	10021	19	July 30
Caldwell, John	10033	9	Aug. 19
Cornell, Allan J	10037	10	Aug. 25
Costello, Edmund	10055	15	Sept. 24
Cook, Augustine	10083	12	Dec. 13
Darcy, John J	9933	8	Apr. 22
Dowman, Thomas	9936	10	Apr. 24
Donavan, Daniel E	9964	19	May 21
Dingman, George A	9985	11	June 15
Dube, Peter	10022	20	July 31
Dean, Herbert	10025	20	Aug. 7

Engineers licensed—Duluth, Minn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (lake)—Continued.			
Dempsey, Edward	10064	24	Oct 14
Downing, Lamont	10080	13	Dec. 4
England, Edward	9970	16	May 27
Elliott, Henry S	10056	10	Sept. 30
Evans, James E	10059	16	Oct. 1
Fernald, Hersey E	9908	8	Mar. 8
Falconer, James	9990	19	June 22
Fallu, Joseph D	9999	8	June 29
Fleming, Charles J	10044	7	Sept. 11
Grant, Robert S	9928	3	Apr. 19
Glover, Byron	9973	15	June 2
Griggs, Louis	10032	8	Aug. 19
Harvey, Armour	9948	10	May 8
Hogle, Albert F	9969	10	May 27
Hagedon, Aaron P	10024	29	Aug. 6
Harmon, Charles E	10048	16	Sept. 15
Huck, John	10049	24	Sept. 18
Hantz, Frank	10050	19	Sept. 20
Hibbard, Ashley A	10081	21	Dec. 8
Hector, Charles F	9922	12	Apr. 10
Harringer, Frank	9929	19	Apr. 20
Harsant, Walter	9943	6	Apr. 30
Judge, John R	9971	9	May 30
Jeffery, John H	9991	22	June 24
Jones, George	9992	9	Do.
Jordan John E	9997	20	June 27
Jamieson, Samuel	10013	16	July 26
Jacques, Elie	10062	11	Oct. 11
Kelly, Archibald G	9978	13	June 9
Kelly, James	10047	36	Sept. 14
King, John C	9986	4	June 17
Kidd, Joseph	10014	12	July 27
Leary, Timothy	9911	19	Mar. 15
Lawson, Richard	9996	27	June 26
Lee, Fred W	10028	12	Aug. 14
McManus, Charles	9901	19	Jan. 4
McNeil, George	9932	9	Apr. 21
McCulloch, Charles	9934	10	Apr. 23
McDonald, Murdock N	9938	6	Apr. 25
McLaughlan, George	9983	2	June 12
McAfee, Thomas	9989	19	June 21
McGillivray, Andrew	10019	16	July 29
McKenna, Peter	10029	13	Aug. 17
McDougall, John A	10040	12	Sept. 3
McAuliffe, Michael	10065	6	Oct. 16
Meyer, John L	9902	4	Jan. 8
Mars, Robert W	9910	5	Mar. 13
Morrison, James	9916	8	Mar. 24
Manion, Luke J	9924	8	Apr. 12
Montgomery, Edw'd H	9950	22	May 10
Mutch, James	9968	12	May 26
Maples, Charles R	9974	15	June 2
Mayberry, John H	10007	15	July 18
Morrison, Nassua	10020	15	July 30
Morey, George C	10039	15	Aug. 31
Miller, George A	10043	26	Sept. 10
Maxim, Irving H	10067	11	Oct. 19
Morrin, Peter	10071	19	Oct. 25
Nicholson Frank	9909	4	Mar. 11
Nelson, Gustav	10002	21	July 9
Newton, Gilbert M	10009	25	July 19
Nicholson, William	10026	9	Aug. 11
Nerreter, Charles	10051	7	Sept. 21
Owens, Thomas	9980	8	June 10
Oscar, Jacob	10001	17	July 9
Ogg, Charles	10041	19	Sept. 5
Patterson, Gilbert	9905	4	Jan. 27
Pike, William T	9914	15	Mar. 16
Palmer, Lew	9919	15	Mar. 29
Perrault, Zephraim	9951	21	May 10
Prince, Edwin C	9965	31	May 22
Pischner, Ernest	10011	8	July 19
Pitcher, Orlando E	10015	13	July 27
Palmer, Wilson	10066	14	Oct. 16
Robinson, H. O	9959	9	May 17
Ryan, Michael J	10005	15	July 14
Reilly, Edward	10027	18	Aug. 12
Reid, Hill	10068	26	Oct. 25
Robinson, Alonzo C	10063	20	Oct. 13
Chief engineers (lake)—Continued.			
Ryan, Michael	10076	19	Nov. 20
Stewart, Alexander T	9906	8	Feb. 11
Smith, George P	9926	13	Apr. 14
Stevens, John J	9927	27	Apr. 15
Stoddard, Robert	9952	7	May 10
Schirg, John A	9953	14	May 11
Speir, Robert C	9957	11	May 14
Smith, Simon	9987	21	June 18
Sullivan, Cornelius	9988	9	Do.
Sullivan, James	9994	6	June 25
Stringer, Daniel J	10030	21	Aug. 17
Smith, Albert J	10060	23	Oct. 2
Tyler, William W	9945	31	May 1
Till, James P	9984	18	June 14
Tryon, Lewis M	10058	18	Sept. 30
Van Alstine, Arthur L	9977	5	June 9
White, James L	9921	6	Apr. 8
Wagner, Emil	9925	18	Apr. 14
Walsh, James	9937	6	Apr. 24
Wadleigh, John	9941	25	Apr. 28
Wheeler, Martyn	9993	10	June 25
Williams, Albert	10000	12	July 6
Wood, Joshua B	10012	27	July 20
Wilson, George	10035	11	Aug. 23
Webster, Richard A	10053	11	Sept. 21
Whelan, Patrick H	10072	21	Nov. 3
Chief engineers (river).			
Anderson, Benjamin	9972	16	June 2
Beyl, Gustave	9966	13	May 22
Burkleo, Henry	10036	17	Aug. 24
Bryan, Anthony H	10079	22	Nov. 29
Bissonnette, John B	10082	11	Dec. 11
Charland, Fred	9960	10	May 17
Cooper, Lewis C	10061	11	Oct. 7
Crait, John H	10077	21	Nov. 24
Fisher, Charles	9939	9	Apr. 26
Fuller, Solomon	9975	23	June 3
Guion, Joseph M	9955	9	May 11
Griffith, George G	9963	17	May 21
Hanks, Ben L	9949	7	May 8
Hay, William P	10069	15	Oct. 25
Hurley, Thomas B	9930	10	Apr. 20
Hunter, George W	9931	7	Do.
Hutchins, Moses A	9940	17	Apr. 28
Johnson, Christopher C	9935	14	Apr. 23
Johnson, John W	9942	5	Apr. 29
Johnson, Frank B	10046	9	Sept. 11
Leyde, John G	9962	11	May 20
La Mere, Joseph	9976	12	June 7
Meeds, Charles H	9903	34	Jan. 9
Miller, James L	9912	11	Mar. 16
Meyers, Charles	10031	8	Aug. 19
Montoure, Joseph	10045	15	Sept. 11
Mahar, Thomas A	10074	17	Nov. 11
Nimrick, Samuel H	10010	27	July 19
Pond, Daniel W	10008	29	July 18
Rice, Harry A	10034	5	Aug. 19
Slaughter, John	10023	13	Aug. 4
Slade, A. J	10042	9	Sept. 9
Smith, John C	10052	31	Sept. 21
Turner, James T	10003	20	July 13
Turner, John W	10004	3	Do.
Van Bebber, George	9946	12	May 2
Wilcox, George	9917	12	Mar. 27
Wilcox, M. H	9981	24	June 10
Webber, Jeremiah	10078	25	Nov. 29
Young, August R	9904	19	Jan. 19
Engineers in charge of steamers of 100 tons and under, and over 10 tons (lake—first assistants).			
Beatty, Ward	4011	2	Feb. 24
Burg, John P	4012	3	Do.
Bell, Frank	8805	12	Sept. 30

Engineers licensed—Duluth, Minn.—Continued.

Name.	No. of license.	No. of issse.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons (lake—first assistants)—Cont'd.			
Cleveland, Edward	4008	6	Feb. 16
Dawson, John	8801	7	Sept. 25
Eagan, Edward	8803	15	Do.
Edwards, Charles H	4015	7	Mar. 15
Ferguson, John	4040	9	May 1
Garrett, Frank S	4039	12	Apr. 28
Haines, Joseph H	4032	6	Apr. 10
Hempton, Joseph	4051	11	May 18
Hempstead, Charles	4066	16	July 1
Jacobs, James C	8808	10	Oct. 2
Lynch, John P	4045	3	May 6
Madsen, Manuel	4062	11	June 25
Mellier, Eugene O	8806	5	Sept. 30
Mahoney, John	4073	8	July 10
Murphy, Jerry	4053	11	May 21
McEachern, Charles	4054	10	Do.
Patterson, John	4063	12	June 25
Place, John	4079	6	July 23
Reck, Patrick	4094	11	Aug. 31
Wood, Walter W	4070	13	July 3
Engineers in charge of steamers of 100 tons and under, and over 10 tons (river—first assistants).			
Dubler, Rudolph	4082	10	July 27
Robinson, Daniel	4004	5	Feb. 10
Engineer in charge of steamer of 100 tons and under, and over 10 tons (ocean—second assistant).			
Jennys, Jerome E	4058	2	June 5
Engineers in charge of steamers of 100 tons and under, and over 10 tons (lake—second assistants).			
Anderson, John A	4072	4	July 9
Berneche, Fred	4085	6	Aug. 11
Brown, Francis H	4077	9	July 19
Burnish, Zephraim	4037	11	Apr. 23
Cosper, Elmer E	8804	7	Sept. 25
Dionne, Barney	4013	4	Feb. 24
Farrell, Richard	8815	6	Oct. 27
Kasmarek, Frank	8809	4	Oct. 5
Lynch, John	4006	2	Feb. 15
Lindland, Thomas	4071	4	July 7
McDonald, James	4031	3	Apr. 8
McEachern, John	4029	1	Do.
Thayer, Edwin C	8811	3	Oct. 9
Thompson, Arthur M	4047	5	May 12
Whitworth, Robert	4091	4	Aug. 26
Engineer in charge of steamer of 100 tons and under, and over 10 tons (lake—third assistant).			
Buckley, Jerry	4078	14	July 20
First assistant engineer (ocean).			
Ryan, Thomas	4043	4	May 5
First assistant engineers (lake).			
Annis, Lew G	4067	2	July 2
Burns, Thomas J	4033	8	Apr. 12
First assistant engineers (lake)—Cont'd.			
Barrows, Fred E	4050	2	May 17
Baldwin, Fred N	4081	3	July 26
Barr, John	8802	4	Sept. 25
Clark, Charles	4036	21	Apr. 21
Crichton, Thomas	4064	7	June 28
Clifford, Charles	4089	7	Aug. 19
Ellis, Albert V	4098	6	Sept. 14
Erickson, August	4090	13	Aug. 23
Francombe, Irvin A	4083	3	July 29
Flynn, Cornelius O	8813	8	Oct. 18
Gibert, Frank H	4002	10	Jan. 30
Gay, John	4086	7	Aug. 12
Harmon, Hugh H	4056	15	June 2
Hannon, Michael F	4087	6	Aug. 12
Johnson, Frank W	4099	7	Sept. 16
Kane, Frank D	4007	10	Feb. 15
Kean, William M	4038	7	Apr. 23
Milliken, George E	4009	1	Feb. 19
Mansfield, Frank R	4055	5	May 26
McGinniss, Patrick J	4017	5	Mar. 16
Nilson, Albert	4005	8	Feb. 11
Nichols, Arthur G	4088	16	Aug. 17
Norcross, James J	8812	5	Oct. 16
O'Brien, Christopher	4016	8	Mar. 15
O'Donnell, Edward	4093	10	Aug. 31
Rehder, Ferdinand A	4023	3	Mar. 24
Rehder, William A	4061	13	June 25
Roche, William B	4075	1	July 13
Reagan, Michael J	8816	1	Nov. 3
Smith, Louis Edward	4020	2	Mar. 22
Shephard, Thomas	4025	9	Mar. 30
Smyth, William John	4027	1	Mar. 31
Shortall, W. J	4049	11	May 14
Smith, Archie	4076	11	July 14
Shera, William	4095	15	Sept. 7
Stewart, Louis W	8810	1	Oct. 9
Trevillion, George	4026	2	Mar. 31
Walker, John D	8814	4	Oct. 26
Yeager, Frederick C	4096	4	Sept. 8
First assistant engineers (river).			
Allen, W. S	4092	6	Aug. 29
Bosley, Robert J	4028	8	Apr. 8
Demers, Manuel	4003	13	Feb. 9
Dimmick, Horace W	4034	5	Apr. 14
Duvall, Richard T	4084	9	Aug. 7
Horan, John W	4019	4	Mar. 18
Jackson, August	4100	12	Sept. 21
McCormick, L. C	4097	16	Sept. 8
McGinnis, Warren E	8807	13	Oct. 2
Perry, James W	4014	10	Mar. 8
Paulson, Anthony M	4069	9	July 2
Serene, Samuel E	4022	5	Mar. 23
Sawyer, John H	4030	7	Apr. 8
Scullin, Patrick J	4068	4	July 2
Titus, Frank E	4001	5	Jan. 11
Titus, Ezra E	4052	7	May 20
Teal, Charles E	4035	15	Apr. 14
Thetge, D. A	8817	14	Nov. 30
Walker, John S	4021	9	Mar. 23
Second assistant engineers (ocean).			
Duncan, George I	4059	4	June 19
Young, David C	4042	3	May 3
Second assistant engineers (lake).			
Barrows, Roland F	4024	2	Mar. 25
Barney, George	8818	1	Dec. 2
Cassin, Lawrence	4065	2	July 1

Engineers licensed—Duluth, Minn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second assistant engineers (lake)—Cont'd.			
Hoy, Richard M	4010	1	Feb. 20
Jones, Thomas	4041	4	May 1
Johnson, Swen	4046	3	May 8
McCullough, John	4060	3	June 22
Pringle, Bruce	4018	3	Mar. 17
Page, George	4074	3	July 12
Quosky, John J	4057	1	June 3
Scott, John	4044	2	May 5
Wheeler, John	4048	10	May 13
Second assistant engineer (river).			
McLeod, William R	4080	1	July 23
Special engineers (lake).			
Glendinning, Thomas	1918	2	Sept. 21
LaFramboise, Arthur J	1911	5	Aug. 11
Mann, George E	1910	4	Aug. 4
O'Neil, John	1903	1	May 18
Special engineers (lake)—Continued.			
Rakowsky, Gustave A.	1904	3	May 25
Rossiter, Charles W	1908	4	July 29
Stewart, William	1907	3	July 10
Swank, Samuel B	1916	5	Aug. 31
Swanson, Olaf	1919	4	Oct. 12
Wetterlind, Charles	1913	4	Aug. 11
Special engineers (river).			
Brown, F. L	1905	2	June 19
Connors, Thomas	1909	2	July 29
Fowler, Amos S	1902	3	Mar. 31
Fink, Michael	1914	5	Aug. 21
Hayes, James J	1917	2	Sept. 6
Lewis, James F	1915	3	Aug. 31
Miller, Charles F	1920	7	Nov. 6
Orton, Peter M	1906	11	July 2
Prink, Nels	1912	3	Aug. 11
Ransom, Oliver	1901	4	Jan. 14

SIXTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF MEMPHIS, TENN.

Masters licensed during the year ended December 31, 1897—Memphis, Tenn.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Abraham, John E	13128	10	Dec. 27	Lewis, Harvey	10015	13	Feb. 9
Bender, Charles J	10055	6	May 12	Leonard, John	10078	15	July 30
Cheek, Mark R	10005	26	Jan. 11	Marker, Otto	10007	2	Jan. 13
Cummins, Andrew L	10010	16	Jan. 26	Nowland, Edward, jr	10053	1	May 10
Clagett, Edward T	10028	4	Feb. 26	Organ, Charles H	10100	9	Sept. 28
Cummins, Lee P	10076	3	July 20	Pipes, Jesse R	10080	8	Aug. 2
Darragh, James L	10052	23	May 7	Pratt, Alexander	13116	14	Nov. 19
Darragh, Thomas J	10063	17	June 12	Russell, Charles B	10041	12	Apr. 12
Darragh, John J	10065	23	June 17	Rees, James H	10067	15	June 18
Fitzgerald, James	10087	3	Aug. 27	Smith, Alfred B. B	10003	1	Jan. 11
Hall, William P	10074	20	July 7	Smithers, Charles G	10043	1	Apr. 16
Joplin, William A	10038	8	Apr. 6	Wyckoff, John C	10079	4	July 30

Masters and pilots licensed during the year ended December 31, 1897—Memphis, Tenn.

Ashford, William J	10029	27, 24	Mar. 3	Inman, Fred I	10092	19	Sept. 16
Alston, Charles H	10059	19	May 24	Inman, William A	10093	23	Sept. 21
Anderson, George T	10094	11	Sept. 17	Jeffries, James C	10077	9, 12	July 29
Anderson, Andrew J	13119	23, 31	Nov. 25	Joyce, William A	13107	17, 25	Oct. 14
Barton, Joseph J	10011	1, 19	Jan. 27	Kelsoe, William H	10018	23	Feb. 15
Banks, Ephraim O	10014	22	Feb. 9	Kraft, Charles L	13110	4, 5	Oct. 25
Blair, Lewis C	10024	23, 24	Feb. 24	Lambeth, James T	10013	20, 17	Feb. 8
Berry, Benjamin F	10026	31, 10	Do.	Lyon, George W	10019	18	Feb. 15
Blazier, Cal L	10031	16	Mar. 12	Lyon, William S	10039	4	Apr. 8
Bolin, Stephen S	10040	17	Apr. 12	Lingg, Silas	10056	15	May 20
Blakely, Benjamin C	10047	15	Apr. 26	Lisenburry, James R	13112	12	Nov. 1
Bolin, James	10062	13	June 2	Lyon, Arthur	13126	14, 16	Dec. 16
Bryant, John E	10075	1, 6	July 16	McNeely, Cland H	10006	4	Jan. 30
Bridgewater, Miles	10082	23	Aug. 4	McArthur, Peter	10016	17	Feb. 11
Brinkley, Monroe S	10083	12, 17	Do.	McMahan, Benjamin	10048	13	May 4
Broadhurst, Dudley W	13113	11	Nov. 6	McNeely, Napoleon B	10058	20	May 22
Borden, Morris W	13124	15	Dec. 7	McKnett, Henry H	13101	13, 32	Oct. 2
Brazee, Hiram O	13125	18, 26	Dec. 11	McCloskey, James S	13104	25, 31	Oct. 6
Carvell, George F	10020	32, 24	Feb. 16	May, Milton M	10004	3, 11	Jan. 11
Chapman, David D	10051	20	May 7	Montana, Ferd B	10016	15	Feb. 10
Cooper, James H	10060	23, 15	May 24	Maingault, John S	10030	16	Mar. 3
Carvell, Edward J	10088	14	Aug. 28	Mayer, Henry A	10037	12	Apr. 6
Colton, William E	13118	5	Nov. 24	Morgan, Diodate	10045	13	Apr. 20
Drake, Leland P	10025	30, 20	Feb. 24	Miller, Marshall J	10046	22, 39	Apr. 24
Drouillard, Lou A	10050	20, 42	May 5	Malone, George	10086	26	Aug. 23
Downs, Matt	10084	21	Aug. 4	Mammus, James M	10093	19	Sept. 17
Drinkwater, Alfred E	10097	21	Sept. 22	Maingault, William W	13115	25	Nov. 11
Engles, Charles M	10072	22	June 23	Maingault, Alexander	13117	24	Nov. 24
Eggleston, A. L	10095	4	Sept. 18	Norment, William A	10033	8	Mar. 24
Earnhart, Samuel B	10099	11	Sept. 23	Norwood, Frank D	10061	13, 13	May 25
Ferguson, James B	10001	7, 9	Jan. 8	Nixon, Charles W	10069	5, 10	June 22
Foster, Thomas A	10044	16, 18	Apr. 19	Nowland, Edward W. B	13122	26	Nov. 27
Fulkerson, Edward L	10068	2, 40	June 22	Owens, John W	10042	21, 33	Apr. 12
Furnier, William P	10090	2, 7	Sept. 10	Oldham, Zerah	10073	1, 1	July 5
Goodrich, John T	10009	23	Jan. 23	Pennell, John E	10064	4	June 16
Good, Thomas B	10034	7, 17	Mar. 25	Phillips, Gus D	10089	9, 14	Sept. 7
Goodrich, George	10036	15	Apr. 6	Postal, Edward C	13106	23	Oct. 11
Gordon, Leander	13108	19	Oct. 23	Paris, Charles G	13111	13, 32	Nov. 1
Green, George M	13123	16	Dec. 1	Porter, William R	13120	20	Nov. 26
Griffy, Theodore J	13127	18, 31	Dec. 27	Randall, James D	10071	22	June 23
Hodge, William	10008	24, 28	Jan. 14	Shipp, William C	10002	21	Jan. 9
Hamilton, Ferd	10021	22, 13	Feb. 17	Scruggs, William C	10032	21	Mar. 22
Hattaway, John P	10081	14	Aug. 4	Smith, Alfred	10049	23, 29	May 4

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Memphis, Tenn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Scruggs, John B	10054	13	May 12	Thomson, Marius	10085	15, 18	Aug. 10
Sutton, Horace R	10057	20, 21	May 20	Wood, Henry S	10012	17	Jan. 29
Stallings, Thomas B	10091	16, 17	Sept. 13	Warner, John T	13109	23	Oct. 25
Stewart, Alexander H	13102	21, 32	Oct. 2	Warner, Ed T. B	10022	19, 16	Feb. 23
Stanfield, Edward A	13103	2, 17	Oct. 4	Whitehill, Joseph M	10027	18	Feb. 25
Shinn, Edgar	13114	14	Nov. 9	Woodbury, Charles B	10066	22	June 18
Tibbals, Norman	10023	33, 16	Feb. 23	Wilcox, Thomas W	10098	2	Sept. 23
Thomas, David	10035	23, 30	Apr. 1	Woodward, George G	13105	26, 38	Oct. 6
Tate, Jesse F	10070	20	June 23	Waltz, Henry C	13121	7	Nov. 27

Pilots licensed during the year ended December 31, 1897—Memphis, Tenn.

First-class pilots.				*Second-class pilots.*			
Adams, James C	2844	24	Sept. 25	Allison, Joseph E	3148	5	Nov. 13
Bachman, William	2825	9	Apr. 23	Brown, James	3124	14	Apr. 21
Brashear, Luther V	2832	16	July 2	Brearley, Joseph	3143	12	Aug. 16
Brondhaver, George	2836	3	Aug. 2	Coley, George B	3102	6	Jan. 8
Brinkley, Jonathan W	2837	4	Aug. 4	Cravens, Albert G	3105	4	Jan. 17
Brown, William C	2838	7	Aug. 7	Cole, Wiley N	3111	12	Feb. 20
Bohling, Fred J	2840	2	Aug. 9	Colbert, Frank C	3137	4	July 8
Bishop, William F	2858	8	Dec. 14	Dougherty, Isaac L	3123	6	Apr. 20
Couch, James A	2806	6	Jan. 12	Eddy, Ephraim H	3130	5	May 12
Culbertson, William M	2819	6	Mar. 13	Gentry, George E	3117	2	Mar. 18
Courtney, Charles H	2824	4	Apr. 12	Harris, John	3125	1	Apr. 23
Dudley, Nicholas J	2842	13	Sept. 1	Hackett, Charles B	3131	1	May 12
Davidson, Granville S	2847	9	Sept. 30	Jackson, William H	3145	12	Sept. 20
Dunn, Gray W	2853	11	Nov. 4	Love, George C	3104	10	Jan. 12
Dearing, John	2859	15	Dec. 14	Lush, Nicholas	3109	10	Feb. 15
Ferguson, John P	2841	2	Aug. 14	McBroom, John J., jr	3146	9	Oct. 4
Hill, William B	2811	7	Feb. 20	Miles, Charles R	3136	6	June 18
Hogan, William C	2827	6	May 14	Marshall, William C	3139	1	July 29
Inman, Frederick L	2813	2	Mar. 3	Moad, John E	3142	4	Aug. 14
Jones, Arthur T	2830	5	June 18	North, George T	3134	4	June 7
Keefe, George D	2822	6	Apr. 8	O'Neil, William D	3138	1	July 21
Kelly, John A	2843	1	Sept. 22	Phenneger, John W	3114	5	Mar. 4
Kane, Dan J	2855	6	Nov. 13	Powers, Nathan E	3116	12	Mar. 12
Lewellian, Samuel S	2801	4	Jan. 4	Paudert, Thomas	3151	1	Dec. 24
Laughlin, Norman	2821	5	Apr. 6	Stone, Sherman	3107	1	Feb. 9
Lewellian, Jasper	2852	18	Nov. 3	Stone, Joseph H	3121	16	Apr. 1
Lyon, Frank L	2856	7	Nov. 27	Sage, Samuel A	3108	5	Feb. 15
McBride, Martin V	2805	18	Jan. 11	Stecher, Rudolph	3110	4	Feb. 19
McKenzie, William	2820	6	Mar. 19	Sweet, Henry W	3119	6	Mar. 22
McNeely, William P	2851	12	Oct. 28	Shaw, Morris W	3132	1	May 12
McBride, T. S	2854	12	Nov. 8	Stroud, Samuel A	3135	8	June 18
Miller, Charles	2803	2	Jan. 5	Stroud, Alvah M	3152	7	Dec. 31
Madison, George W	2834	21	July 19	Tappan, James A	3106	12	Jan. 23
Nessin, George N	2802	6	Jan. 4	Whitehill, Job P	3140	12	Aug. 9
Nixon, Hugh W	2826	37	May 3	Walden, John F	3149	5	Nov. 26
Nichols, Clarence L	2839	6	Aug. 9	Williams, John W	3153	8	Dec. 31
Nadal, Charles R	2850	4	Oct. 8	Youngblood, Albert L	3127	3	Apr. 26
Pointer, Levette L	2807	6	Jan. 16				
Powell, John H	2829	11	June 5	*Special pilots.*			
Prater, William M	2831	7	June 23				
Pate, James A	2833	2	July 13	Arnold, Thomas	3129	1	Apr. 26
Patton, Isaac N	2835	9	July 22	Bunch, James H	3113	2	Feb. 23
Patton, Lucius E	2846	21	Sept. 28	Butler, William W	3115	2	Mar. 6
Rodgers, A. Dock	2814	9	Mar. 4	Butler, John W	3122	1	Apr. 5
Renfro, J. Warren, jr	2823	2	Apr. 12	Coats, Jonas D	3120	2	Mar. 27
Shipp, John S	2809	6	Feb. 15	Carter, James	3147	2	Oct. 16
Seaman, George W	2812	1	Feb. 22	Fleischauer, Charles A.	3103	3	Jan. 11
Stewart, J. Cade	2815	2	Mar. 4	Hoyt, Joseph C	3112	4	Feb. 23
Smith, Sidney A	2817	6	Mar. 9	Horner, Joseph	3126	1	Apr. 24
Shipp, Albert P	2845	12	Sept. 28	Hibbard, Frank	3144	1	Sept. 13
Snow, Green S	2849	33	Oct. 2	Morgan, Crandall J	3131	1	May 20
Teter, Charles O	2804	5	Jan. 7	Oursler, Joseph W	3141	1	Aug. 13
Tichenor, Frank W	2848	8	Oct. 2	Sederborg, Thaddeus	3101	1	Jan. 2
Wilkerson, Charles L	2808	6	Jan. 19	Smith, John W	3118	9	Mar. 22
Wilcox, Thomas J	2810	5	Feb. 16	Scott, Philip D	3128	15	Apr. 26
Warner, William T	2816	13	Mar. 9	Stecher, Otto	3150	2	Dec. 9
Wherry, John B	2818	5	Do.				
Wilcox, William C	2828	1	May 26				
Wadlington, S. F	2857	5	Dec. 6				

Joint pilots and engineers licensed during the year ended December 31, 1897—Memphis, Tenn.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Goeppinger, Rudolph J	1001	3	Apr. 26	Pfenninghausen, B	1003	4	Aug. 25
Mather, Alfred W	1002	1	Aug. 13				

Engineers licensed during the year ended December 31, 1897—Memphis, Tenn.

Chief engineers.			
Adams, James	10189	9	Nov. 15
Botto, Louis	10101	40	Jan. 4
Botto, John	10104	4	Jan. 7
Bond, James W	10105	14	Jan. 8
Bandy, John A	10136	2	May 19
Barrett, William H	10141	22	June 5
Boler, George E	10149	13	June 28
Byrne, Charles G	10152	15	July 19
Bryant, William H	10156	1	July 26
Barry, Joseph B	10177	8	Oct. 4
Bean, John P	13602	5	Dec. 27
Coley, George B	10120	24	Apr. 14
Cooper, James F	10133	9	May 12
Coston, Amer. D	10143	4	June 9
Carlin, Charles A	10144	14	June 12
Cairns, Henry F	10146	15	June 16
Currier, Adua S	10165	18	Aug. 11
Calder, Albert R	10173	21	Sept. 22
Connors, William H	10176	5	Sept. 27
Collier, David C	10184	26	Nov. 6
Clayton, John N	10191	40	Nov. 24
Calloway, Charles C	13601	16	Dec. 27
Darragh, James L	10130	35	May 7
Davis, Frank W	10139	9	June 3
De Soucha, Charles C	10175	11	Sept. 22
Dunn, Joseph J	13603	9	Dec. 27
Earnhart, Wiley S	10151	13	July 13
Force, Joseph L	10118	21	Mar. 27
Fletcher, Thomas	10124	19	Apr. 27
Farmer, Thomas	10126	12	May 1
Fitzgerald, William	10137	12	May 22
Foster, W. Edward	10142	9	June 8
Falvey, John W	10196	3	Nov. 30
Galley, Cornelius	10102	21	Jan. 5
Graham, Horace	10121	5	Apr. 15
Greenwood, Charles T	10125	6	May 1
Goddard, William H	10162	6	Aug. 4
Gerver, Joseph	10170	8	Sept. 13
Gilley, John B	10182	17	Oct. 25
Graham, James H	10185	31	Nov. 8
Graham, Benjamin F	10187	29	Nov. 12
Hense, Julius	10119	22	Apr. 7
Herndon, John F	10129	1	May 5
Halstead, Charles F	10158	18	Aug. 4
Hattaway, John P	10160	24	Do.
Haskins, Lester W	10179	2	Oct. 6
Hamilton, Theodore	10183	18	Nov. 1
Hendrix, Herchel	10190	13	Nov. 9
Hudson, Samuel	10195	13	Nov. 27
Hopkins, Nathan	10198	41	Dec. 14
Johnson, David L	10135	12	May 12
Junk, James J	10161	16	Aug. 4
Johnson, Robert L	10166	8	Aug. 13
Jackson, William H	10171	26	Sept. 20
Kelly, David J	10172	1	Sept. 21
Kennett, Pres. G	10174	12	Sept. 22
Lewis, Harvey	10110	15	Jan. 24
Laffey, John	10122	14	Apr. 23
Light, William H	10169	14	Sept. 1
Lanham, Harry	10178	14	Oct. 5
Lamey, Dennis J	10181	16	Oct. 14
McIlvain, William G	10112	18	Feb. 19
McClelland, James H	10138	21	May 25
McGuire, John	13604	24	Dec. 27
Morse, Walter S	10109	21	Jan. 27
Murray, Thomas H	10115	18	Mar. 8
Maxfield, Lemuel P	10123	23	Apr. 26
Miller, Charles P	10131	9	May 7
Morgan, Frank A	10200	13	Dec. 17

Chief engineers—Continued.			
Nesbett, John S	10145	41	June 12
Oldham, Zerah	10140	13	June 5
Phillips, Arthur	10111	17	Feb. 16
Prescott, John M	10132	25	May 8
Perry, James	10134	13	May 12
Patton, Strawder S	10155	15	July 26
Partee, Lewis C	10188	3	Nov. 13
Porter, William R	10192	16	Nov. 26
Snowden, Nathan	10103	25	Jan. 24
Short, Charles N	10113	7	Feb. 19
Scruggs, Fred. B	10114	23	Feb. 20
Stegall, William M	10116	1	Mar. 17
Scruggs, William C	10117	13	Mar. 22
Spencer, Joseph A	10127	6	May 1
Shortt, William	10148	31	June 28
St. John, Joe M	10153	12	July 21
Stout, Thomas Percy	10168	2	Aug. 30
Summers, Harris	10180	2	Oct. 11
Shinn, Edgar	10186	13	Nov. 9
Taylor, John A	10128	15	May 4
Thomas, D. Thomas	10154	5	July 26
Van Jones, Comadore	10163	16	Aug. 10
Vaughan, Reuben G	10194	12	Nov. 27
Warder, William B	10103	20	Jan. 6
Walden, John F	10106	8	Jan. 11
Wiseman, Charles H	10147	9	June 24
Winston, Charles	10157	17	Aug. 3
Winstoning, Charles	10159	1	Aug. 4
Williams, American B	10164	17	Aug. 11
Williams, Maurice	10167	7	Aug. 24
Waltz, Henry C	10193	28	Nov. 27
Wyatt, Fred. D	10197	41	Dec. 1
Ware, Charles W	10199	18	Dec. 15
Young, Richard	10107	15	Jan. 12
Young, George R	10150	4	July 8
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Armstrong, William A	4133	2	May 7
Burrow, Ishmael	4127	7	Apr. 23
Colyear, James	4107	6	Jan. 25
Conley, Guy	4121	7	Apr. 7
Crum, Archie E	4124	6	Apr. 17
Crum, Louis	4155	2	Oct. 26
Day, C. U	4105	9	Jan. 14
Davis, John	4132	4	May 4
Hauptman, Joseph	4125	6	Apr. 19
Horan, William	4163	5	Dec. 14
Johnson, Ephraim B	4102	1	Jan. 5
Jennings, John W	4123	2	Apr. 13
Kennedy, Boone	4159	3	Nov. 13
Kroeger, Charles F	4166	15	Dec. 31
Marshall, William C	4122	4	Apr. 7
McCoy, Fred	4135	1	May 12
McBroom, John J., jr	4151	3	Oct. 4
Stroud, Bird	4131	8	Apr. 27
Turnley, Tandy B	4111	1	Feb. 22
Stroud, Alvah M	4167	5	Dec. 31
Thompson, Robert	4119	4	Mar. 27
Taylor, Clarence C	4141	1	July 8
Varner, Benjamin A	4130	6	Apr. 26
Assistant engineers.			
Battenfield, Joseph H	4120	13	Apr. 6
Bumpass, Haywood	4134	22	May 12

Engineers licensed—Memphis, Tenn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Assistant engineers—Continued.			
Blessing, Henry P	4137	18	May 14
Briggs, John	4140	1	July 3
Brown, James	4152	22	Oct. 6
Botto, Louis D	4157	1	Nov. 3
Crum, Louis D	4155	2	Oct. 26
Coston, Amer. D	4156	6	Nov. 3
Foster, Henry	4117	11	Mar. 23
Groves, De Witt	4103	6	Jan. 11
Houghland, William	4109	15	Feb. 9
Howard, Emery	4114	4	Mar. 19
Johnson, Ephraim M	4102	1	Jan. 5
Kelly, Andrew	4126	17	Apr. 21
Langhart, William A	4113	11	Mar. 9
Lingg, Silas	4145	13	Aug. 31
Maingault, William W	4101	7	Jan. 5
Moir, George	4106	6	Jan. 20
Montgomery, Wm. F	4138	10	June 4
Macon, John W	4160	15	Dec. 6
Perry, George	4112	12	Mar. 12
Parrish, Robert W	4144	12	Aug. 11
Patton, Lucien E	4149	14	Sept. 28
Rozell, Lawrence	4147	20	Sept. 20
Rivara, Joseph A	4148	7	Sept. 13
Reno, George L	4153	6	Oct. 14
Stegall, William M	4108	5	Feb. 8
Assistant engineers—Continued.			
Stull, Frank L	4115	3	Mar. 20
Shank, William F	4118	17	Mar. 25
Scillian, Andrew J	4129	4	Apr. 26
Sugg, Herbert	4161	3	Dec. 10
Swait, John H	4162	7	Dec. 11
White, William C	4150	4	Sept. 30
Warner, John T	4158	17	Nov. 5
Wylie, John H	4104	5	Jan. 12
Winters, Charles	4110	10	Feb. 19
Wood, William H	4165	5	Dec. 28
Special engineers.			
Belser, William G	2003	1	May 20
Curlin, Seth	4139	2	June 5
Conley, Cassius S	4146	14	Sept. 1
Little, James G	4164	3	Dec. 14
Pennywit, William	4128	7	Apr. 26
Phillips, John B	2004	2	May 25
Swailes, James J	2001	2	Jan. 7
Smith, John W	4116	7	Mar. 22
Templeton, George W	4154	11	Oct. 16
Van Echaute, Justin	4142	13	July 20
Williams, Pinkney	2002	8	Mar. 22
Woodward, William O	2005	2	Sept. 21

LOCAL DISTRICT OF NASHVILLE, TENN.

Masters licensed during the year ended December 31, 1897—Nashville, Tenn.

Name.	No. of license.	No. of issue.	Date of issue.
Ashcraft, James H	10194	4	July 13
Ashcraft, George W	12231	10	Dec. 1
Baldwin, Harry D	10183	5	June 15
Bauer, Phillip V	10177	1	May 24
Bowman, William S	10136	21	Mar. 4
Brashear, Thomas P	10119	16	Feb. 4
Bryant, William S	10132	1	Feb. 23
Butler, Austin D	12224	4	Nov. 6
Coombs, Edward H	10151	3	Apr. 1
Dunn, Dorsey	12209	7	Sept. 12
Evans, Milton H	10191	1	July 5
Evetts, W. J	10190	3	Do.
Ferguson, R. F	10166	9	Apr. 29
Fowler, Given	10170	4	May 15
Fowler, Joseph H	10174	21	May 19
Gallagher, Thomas M	10103	12	Jan. 6
Goodwin, John J	10187	6	July 5
Howard, Benjamin	10130	24	Feb. 19
Harris, W. B	12208	13	Sept. 1
Hale, S. K	12221	12	Oct. 25
Jobes, George C	10111	5	Jan. 22
Kell, Harry A	10148	6	Mar. 26
Linn, James H	10164	10	Apr. 28
Morrow, Richard D	10108	16	Jan. 18
Miller, James F	10124	4	Feb. 9
Maples, John R	10118	4	Feb. 4
McDermott, John M	10146	11	Mar. 23
McKee, William S	10147	2	Do.
Pittman, Henry P	10181	8	June 12
Phillips, William H	12223	2	Nov. 2
Ryman, T. G., jr	10158	1	Apr. 22
Read, Alex. C	10196	3	July 14
Rains, Andrew J	12211	3	Sept. 21
Ramsey, James M	12214	5	Oct. 2
Smith, George R	10199	2	July 22
Springer, Charles	10128	3	Feb. 16
Thacher, R. R	12235	5	Dec. 13
Tyner, James S	10163	19	Apr. 24
White, Frank B	10140	3	Mar. 17
Williams, Joseph	10143	3	Mar. 18
Woolfolk, N. A	10188	10	July 5

Masters and pilots licensed during the year ended December 31, 1897—Nashville, Tenn.

Allison, William	10104	20	Jan. 9
Allison, Jesse B	10169	20	May 4
Allison, U. S	12220	23	Oct. 22
Armstrong, Thomas H	10134	19	Mar. 1
Ballowe, Randolp P	12217	20	Oct. 12
Ballowe, E. F	12218	19	Do.
Beaty, John F	10115	16	Jan. 26
Broadfoot, Robert	12206	14	Aug. 21
Burton, William R	12207	15	Aug. 23
Capehart, S. C	10182	10	June 12
Campbell, James E	10160	10	Apr. 22
Carroll, John B	10135	23	Mar. 2
Carroll, William H	10152	26	Apr. 7
Carroll, Edward F	10197	5	July 15
Cartwright, John T	10144	26	Mar. 18
Cole, C. Mark	10114	23	Jan. 26
Cowlishaw, W. D	12233	25	Dec. 10
Crawford, W. A	10176	7	May 22
Demere, J. B	10185	22	June 23
Dews, Pinkney L	10178	24	June 3
Dodd, William T	12225	11	Nov. 15
Dykes, Jacob L	10193	3	July 12
Edmonds, James R	12203	7	Aug. 11
Ferguson, Benjamin H	10159	20	Apr. 22

Masters and pilots licensed—Nashville, Tenn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Flach, Joseph B	10156	13	Apr. 17
Forrester, William M	10107	5	Jan. 15
Frank, Myer S	10167	10	May 1
Furman, Monterey	10186	9	July 5
Garrison, Frank C	10161	5	Apr. 23
Glover, Joseph	10101	10	Jan. 5
Goad, Robert A	12234	16	Dec. 11
Gray, Edmond	10171	25	May 14
Green, John T	10145	23	Mar. 20
Green, Shepherd	10165	13	Apr. 29
Grubbs, William R	10139	22	Mar. 17
Haley, John C	12213	15	Sept. 25
Hanes, Sherman	12219	4	Oct. 12
Hart, James H	10137	11	Mar. 8
Harman, Thomas M	12228	24	Nov. 20
Hood, Westley C	10129	4	Feb. 17
Hood, William T	10142	14	Mar. 17
Hornsby, Smith B	10125	6	Feb. 11
Hunter, William T	12226	4	Nov. 18
Jacobs, James H	10126	21	Feb. 15
Jackson, Thomas L	10189	10	July 5
Jackson, John H	12232	22	Dec. 7
Johnston, Samuel	10149	8	Mar. 29
Jones, Douglas	12202	16	Aug. 11
Kendall, Alex	10162	16	Apr. 23
Kindrick, James P	10141	18	Mar. 17
Leek, Madison M	10138	17	Mar. 9
Leek, James F	10192	9	July 6
Looney, James B	12227	25	Nov. 19
Love, A. H	12201	14	Aug. 2
Lovell, James W	10113	26	Jan. 26
Lovell, Ton. J	10122	17	Feb. 5
McLure, Robert L	10155	10	Apr. 17
Miller, William R	10127	13	Feb. 16
Milliken, B. T	12239	16	Dec. 29
Mortimer, James O	12204	19	Aug. 11
Moss, Silas J	10131	6	Feb. 22
Newcomb, Andrew J	10172	15	May 14
Newman, James E	10173	4	May 19
Newsom, John	10117	6	Feb. 2
Owen, Brackett	10109	8	Jan. 22
Owen, James	10110	17	Do.
Owen, Robert	12229	11	Nov. 22
Owen, Austin	12236	15	Dec. 15
Owings, William A	12212	6	Sept. 25
Pell, Louis D	12205	7	Aug. 16
Pell, Edwin	12216	5	Oct. 8
Pierson, Thomas B	10189	20	June 21
Price, Amon	10200	8	July 27
Pugh, Thomas H	12238	27	Dec. 21
Riddell, George	10120	3	Feb. 4
Roberts, Newton F	10179	10	June 3
Robinson, James L	10123	13	Feb. 8
Robinson, Huston S	12222	12	Oct. 30
Rouse, R. G	10102	20	Jan. 5
Rouse, Len J	10168	15	May 1
Rowden, William T	10116	21	Jan. 26
Sims, James O	10106	22	Jan. 15
Smith, Miller E	12210	7	Sept. 12
Spillers, Fountain E	10180	18	June 11
Spillers, Lafayette	10195	24	July 13
Stalion, Wiley	10157	11	Apr. 17
Thompson, John L	10175	9	May 20
Thompson, Joseph F	10198	16	July 15
Voight, Emery A	10154	4	Apr. 13
Walker, Luke T	10150	8	Mar. 29
Walker, Sam B	12230	11	Nov. 30
Wilkey, Walter C	10105	21	Jan. 15
Wilkey, Sylvester L	10121	6	Feb. 5
Winfrey, John S	10112	15	Jan. 22
Womble, Marshall L	12237	6	Dec. 18
Wood, David	10153	6	Apr. 12
Yarbrough, Charles P	12215	26	Oct. 7
Young, John J	10133	20	Feb. 24

Pilots licensed during the year ended December 31, 1897—Nashville, Tenn.

First-class pilots.			
Allen, Thomas M	2907	8	Feb. 26
Allison, Edward C	2904	2	Feb. 11
Annis, James A	2943	3	Sept. 25
Arnold, Ephraim E	2933	10	Aug. 7
Avery, William H	2914	6	Apr. 29
Beard, Charley	2948	5	Nov. 2
Beard, Ed. B	2903	6	Jan. 28
Belk, Joe A.	2902	1	Do.
Campbell, Thomas J	2913	3	Apr. 22
Crank, William B	2915	9	May 1
Chapman, Gilbert R	2930	12	July 22
Clifton, Stephen	2926	3	July 5
Davis, Z. G	2949	1	Nov. 3
Dawson, W. F	2927	3	July 5
Dirickson, John S	2929	3	July 17
Durham, James S	2940	11	Sept. 12
England, John A	2925	7	June 25
Evans, Milton H	2951	7	Nov. 26
Fritz, Joseph N	2919	6	May 14
Furman, John	2920	4	Do.
Furguson, James E	2931	17	July 27
Gann, John E	2953	3	Dec. 7
Garrett, Joseph J	2935	5	Aug. 11
Goodwin, John J	2941	4	Sept. 14
Green, Thomas A	2934	6	Aug. 7
Lambert, Isaac H	2911	21	Apr. 12
Lowe, Hugh L	2950	11	Nov. 22
Mason, James E	2901	5	Jan. 16
Maples, John R	2917	5	May 14
McKee, William S	2954	5	Dec. 18
Phillips, William H	2905	3	Feb. 11
Phillips, William H	2946	1	Oct. 26
Powers, William T	2944	1	Sept. 28
Prewitt, Thomas	2921	4	May 20
First-class pilots—Continued.			
Reeves, Francis M	2909	25	Apr. 6
Roberts, Z. T	2908	7	Mar. 10
Rowden, Charles F	2936	4	Aug. 11
Sellers, William L	2945	6	Oct. 13
Smith, Joseph N	2912	13	Apr. 17
Smith, William	2916	20	May 4
Smith, George R	2923	2	June 2
Smith, William R	2938	2	Aug. 25
Smith, George W	2952	3	Dec. 6
Taylor, Clarence M	2942	11	Sept. 21
Thompson, James I	2918	3	May 14
Thompson, O. L	2932	6	Aug. 2
Underwood, A. B	2947	3	Nov. 1
Wilkinson, Sim H	2924	16	June 24
Wills, Harry L	2928	2	July 16
Wilkey, Charles B	2937	4	Aug. 20
Wilkinson, James E	2939	7	Sept. 9
Woolfolk, Nicholas A	2906	15	Feb. 24
Wyatt, Edward A	2910	5	Apr. 8
Wyly, Thomas K	2922	7	June 2
Second-class pilots.			
Allen, Thomas B	3218	7	Apr. 23
Amos, David W	3209	8	Mar. 9
Dawson, R. A	3208	6	Mar. 3
Dawson, Elijah P	3223	12	May 29
Frost, William C	3203	12	Jan. 21
Green, William D	3224	4	June 1
Henderson, Samuel S	3207	3	Feb. 17
Huffaker, Newman M	3227	6	July 14
Jarred, Perry	3202	13	Jan. 18
Johnston, Peter H	3235	9	Oct. 22
Julian, H. W	3216	7	Apr. 12

Pilots licensed during the year ended December 31, 1897—Nashville, Tenn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Special pilots*—Continued.			
King, J. F	3233	3	Sept. 25	Clibrone, Al	3214	5	Apr. 1
King, Oliver	3236	1	Oct. 28	Ferguson, L. D	3230	5	Aug. 26
Mason, Alfred N	3204	2	Jan. 22	Forshee, M. D	3213	3	Mar. 27
Payne, William	3220	9	May 3	Gahagan, George W	3237	1	Oct. 29
Speck, J. Mike	3226	2	July 5	Gracey, Matt	3234	6	Oct. 22
Thomas, James H	3206	4	Feb. 17	Jackson, Thomas	3232	9	Sept. 20
Voight, Charles W	3221	8	May 14	Johnson, E. W	3222	3	May 26
Williams, Joseph	3225	3	June 24	Linder, James J	3219	4	May 3
Wilson, Samuel G	3215	3	Apr. 12	Loomis, Edward P	3212	2	Mar. 20
Wolverton, D. M	3210	6	Mar. 11	Loomis, J. F	3239	4	Dec. 28
				Norton, William L	3238	9	Dec. 18
Special pilots.				Rowe, Richard P	3201	2	Jan. 6
				Sullivan, Timothy J	3205	3	Feb. 6
Armstrong, George W	3229	3	Aug. 20	Williams, Clifton L	3228	3	Aug. 20
Carroll, William J., jr	3217	4	Apr. 23	Young, William E	3211	2	Mar. 18
Childers, Gracey	3231	7	Sept. 7				

Joint pilots and engineers licensed during the year ended December 31, 1897—Nashville, Tenn.

Langstaff, George, jr	1051	4	Feb. 22	Orm, L. G	1052	4	Feb. 22

Engineers licensed during the year ended December 31, 1897—Nashville, Tenn.

Chief engineers.				*Chief engineers*—Continued.			
Aaron, George E	10215	18	Feb. 1	King, Henry M	10258	9	June 15
Allison, James R	10201	19	Jan. 5	Kirkpatrick, John W	10238	9	Apr. 15
Allison, William	10205	12	Jan. 9	Kirkpatrick, Robert M	10240	30	Apr. 17
Allison, Robert S	10225	4	Mar. 17	Kritzer, George S	10268	5	July 22
Allison, Thomas B	10273	3	Aug. 5	Lee, George W	10228	15	Mar. 23
Allison, U. S	10284	17	Oct. 22	Leek, David	10250	1	May 24
Allison, Edward C	10285	7	Do.	Linn, James H	10249	30	Do.
Bean, Ephraim H., jr	10263	9	July 13	Liles, James N	10262	11	July 12
Bean, Ephraim H	10288	15	Nov. 9	Lovell, Thomas L	10251	10	May 25
Bridwell, W. L	10271	19	July 29	Lovell, John W	10256	7	June 15
Broadfoot, William S	10294	13	Dec. 11	Lovell, Thomas A	10264	25	July 13
Brown, Wade	10269	17	July 22	Lyon, Fay H	10244	6	May 3
Camp, R. L	10203	3	Jan. 7	McDonald, George C	10222	14	Feb. 22
Champion, James L	10234	7	Apr. 1	Martin, Edward A	10241	12	Apr. 23
Channault, John	10265	23	July 15	Mason, James E	10247	6	May 20
Colbert, Frank C	10216	17	Feb. 2	Mason, Alfred N	10278	4	Sept. 25
Coran, Silus A	10242	3	Apr. 26	McMahan, Julian	10280	6	Oct. 1
Crank, Robert E	10266	6	July 17	Mix, James H	10267	18	July 22
Dale, William R	10233	10	Mar. 30	Moore, Hugh	10235	26	Apr. 8
Dawson, James M	10257	2	June 15	Nicholson, John T	10214	10	Jan. 28
Dawson, Robert L	10287	3	Nov. 6	Orr, Daniel	10255	1	June 14
Drummond, William	10229	21	Mar. 23	Orton, David G	10232	12	Mar. 26
Dugger, Collin C	10206	14	Jan. 15	Owen, James	10207	15	Jan. 15
Dugger, Jesse T	10208	13	Jan. 16	Owings, John L	10281	4	Oct. 5
Earhart, Joseph	10290	6	Dec. 4	Pittman, Henry P	10254	20	June 11
Edmonds, James R	10275	16	Aug. 10	Reeb, Samuel	10221	12	Feb. 27
England, John A	10260	3	June 25	Renolds, John H	10211	2	Jan. 25
Ferguson, William A	10245	15	May 3	Rhea, James	10213	24	Jan. 28
Ferguson, Willis	10219	12	Feb. 4	Reynolds, Baker W	10274	43	Aug. 6
Ferguson, John H	10277	19	Sept. 20	Ripley, George E	10209	18	Jan. 16
Ferguson, L. D	10279	1	Do.	Roberts, Z. T	10270	3	July 26
Flach, Joseph B	10239	14	Apr. 27	Riggs, Williams S	10293	12	Dec. 10
Glover, Joseph	10231	6	Mar. 26	Rowden, Charles F	10259	2	June 21
Hager, Franklin W	10289	8	Nov. 13	Ryman, John C	10224	17	Mar. 9
Harris, John B	10252	1	June 2	Samuel, Baynham	10283	12	Oct. 13
Harman, William	10286	29	Nov. 1	Smith, Joseph	10230	14	Mar. 26
Hart, George W	10296	9	Dec. 29	St. John, William	10248	6	May 22
Horn, Charles F	10292	9	Dec. 9	Steel, John W	10261	18	June 28
Hovious, John W	10243	13	Apr. 28	Stockham, Charles A	10291	22	Dec. 7
Hudson, Abraham	10295	13	Dec. 13	Suddeth, Robert H	10223	5	Mar. 5
Hutchison, V. A	10246	5	May 20	Tally, John W	10276	9	Aug. 25
James, Charles F	10220	1	Feb. 22	Taylor, William B	10237	32	Apr. 13
Joyce, Andrew W	10226	14	Mar. 17	Tipton, John G	10227	8	Mar. 23

Engineers licensed—Nashville, Tenn.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Voight, Emery A	10236	9	Apr. 13
Wallace, John W	10253	29	June 11
Warren, William B	10218	9	Feb. 4
Warden, H. C	10272	36	July 31
Washam, Joseph W	10202	4	Jan. 6
White, James W	10204	22	Jan. 7
Willhoit, J. J	10282	3	Oct. 12
Wilkins, Samuel C. C	10217	42	Feb. 2
Womble, James F	10212	6	Jan. 27
Wood, L. D	10210	4	Jan. 18
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Allen, Robert	4206	8	Jan. 15
Allison, Marcellas B	4219	10	Mar. 17
Allison, Albert H	4229	7	Apr. 10
Amos, David W	4241	9	June 11
Bauer, Phillip	4237	8	May 14
Broadfoot, Robert	4259	15	Oct. 27
Carroll, Americus	4209	16	Jan. 27
Christley, James H	4202	7	Jan. 6
Cliborne, Al	4225	9	Apr. 1
Davis, William W	4207	5	Jan. 18
Davis, John W	4238	11	May 19
Davis, A. H	4240	14	May 29
Dawson, W. F	4255	8	Sept. 25
Denton, George H	4221	11	Mar. 23
Edington, Wade H	4242	7	June 19
Furman, Monterey	4217	7	Feb. 20
Galloway, W. E	4223	6	May 26
Henry, James M	4235	14	Apr. 28
Hawkins, Thomas	4239	16	May 27
Harrison, William F	4258	1	Oct. 25
Jackson, Thomas	4236	13	Apr. 29
Johnson, W. A	4247	3	July 29
Jones, Allard M	4254	2	Sept. 14
Koonts, John	4243	16	June 26
Lander, George	4263	13	Dec. 11
Lyle, Stephen T	4233	6	Apr. 19
Maples, John R	4253	3	Sept. 13
Markham, William H	4264	9	Dec. 15
Moss, Sargent	4260	14	Nov. 9
Nellis, Walter O	4251	9	Aug. 20
Norton, William L	4230	8	Apr. 13
Reed, Daniel	4222	9	Mar. 26
Salsman, Jack J	4203	6	Jan. 6
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Smith, John F	4210	11	Jan. 28
Smith, Edward S	4256	2	Sept. 25
Terry, William J	4211	2	Feb. 2
Tipton, Henry T	4216	9	Feb. 19
Trainer, Charles	4215	12	Feb. 15
Tyler, Rufus R	4224	13	Mar. 26
Tyler, Frank H	4244	2	June 28
Underwood, Thomas B	4257	7	Oct. 2
Wilkey, Evan Y	4212	4	Feb. 4
Wilkerson, William F	4226	1	Apr. 1
Wolfe, Robert	4208	3	Jan. 25
Wolverton, D. M	4218	13	Mar. 3
Womble, Marshal L	4232	14	Apr. 15
Assistant engineers.			
Anderson, J. F	4204	9	Jan. 8
Adkins, Alvin A	4234	4	Apr. 21
Akin, Allison R	4245	2	July 3
Allison, Uriah F	4261	4	Nov. 22
Cooper, John R	4213	3	Feb. 4
Crank, Robert R	4227	4	Apr. 3
Garrett, J. J	4249	4	Aug. 10
Hood, Frank	4231	1	Apr. 14
Hunter, Thomas P	4246	1	July 3
Herring, Robert B	4250	13	Aug. 20
Leek, Thomas	4262	2	Dec. 4
Moore, Robert	4228	3	Apr. 6
Pinner, Thomas C	4220	5	Mar. 18
Rhea, Calvin M	4205	5	Jan. 9
Rhea, William T	4248	1	Aug. 7
Ray, John S	4252	1	Sept. 7
Walker, John T	4201	3	Jan. 5
Wilkey, Charles B	4214	3	Feb. 15
Special engineers.			
Childers, Gracey	2110	7	Sept. 7
Dye, John R	2108	4	May 18
Dennis, William R	2109	2	Aug. 2
Eggleston, A. L	2105	4	May 3
Eggleston, E. W	2104	5	Apr. 15
Ferguson, L. D	2103	9	Mar. 13
Gahagan, George W	2101	3	Jan. 19
Gracey, Matt	2111	6	Oct. 22
Shamblin, James A	2106	4	May 4
Williamson, George F.	2107	2	May 13
Walker, George	2102	9	Mar. 9

LOCAL DISTRICT OF LOUISVILLE, KY.

Masters licensed during the year ended December 31, 1897—Louisville, Ky.

Name.	No. of license.	No. of issue.*	Date of issue.
Abraham, J. N	10388	9	Aug. 7
Abshire, Joshua C	10332	12	Mar. 23
Ballard, Samuel R	10395	2	Sept. 7
Ballard, Richard H	10372	15	June 23
Baldwin, R. B	10359	7	May 8
Barrett, George J	10369	5	June 18
Beeler, R. C	10326	15	Mar. 13
Crider, E. P	10373	17	June 24
Crider, Robert	12308	8	Nov. 4
Davis, Henry M	10381	17	July 8
Dugan, James C	12318	10	Dec. 14
Garden, Charles P	10371	11	June 22
Gray, William C	10360	15	May 15
Hays, Will S	10378	8	July 1
Keim, John	12322	10	Dec. 27
Lee, Edward L	10347	5	Apr. 13
Marshall, W. A	10308	9	Jan. 14
Meyer, Frank	10335	5	Mar. 25
Moore, Richard B	10392	15	Aug. 12
Murta, James	10314	10	Feb. 1
McCarthey, T. F	10386	6	July 28
McGill, Anderson J	10393	3	Aug. 16
McGuire, Ellison D	12303	6	Oct. 13
Newbill, W. D	10400	3	Sept. 30
Peel, James A	10345	2	Apr. 12
Stuart, Louis L	10327	6	Mar. 13
Walker, Joseph	12306	6	Oct. 21
Weisen, John J	10397	11	Sept. 20
Westfall, J. K	10302	12	Jan. 7
Zoll, Frederic	12317	11	Dec. 14

* The number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed during the year ended December 31, 1897—Louisville, Ky.

Name.	No. of license.	No. of issue.	Date of issue.
Anderson, George W	10355	13, 9	May 6
Anderson, Benjamin S.	10351	8, 13	Apr. 23
Applegate, Aaron	10322	11, 21	Mar. 3
Ash, Joseph B	10350	13, 12	Apr. 20
Ayers, E. C	12305	16, 16	Oct. 21
Baker, A. J	10337	9, 9	Mar. 26
Baldwin, Nathaniel P	10390	14, —	Aug. 12
Banta, Thomas S	12312	14, 14	Dec. 3
Bergenroth, Louis F	10358	12, 12	May 8
Bottorff, Charles W	10364	4, 5	May 25
Brahaney, M. C	10316	9, 19	Feb. 5
Brashears, Henry C	12319	25, 42	Dec. 13
Brookmire, James	12314	23, 24	Dec. 4
Carter, Clarence	10349	7, 9	Apr. 15
Chaddick, William G	10357	18, 35	May 8
Clark, George W	10311	21, 29	Jan. 25
Clark, Curtis E	12304	13, 13	Oct. 20
Claxon, David H	10391	20, 31	Aug. 12
Claxon, Cassius	12310	25, 35	Nov. 20
Claxon, John N	10324	10, 13	Mar. 8
Conner, James W	10305	23, 42	Jan. 13
Conner, Thomas	10370	23, 32	June 19
Crammond, W. D	10366	24, 23	May 28
Dougherty, Frank M	10380	14, 14	July 7
Dougherty, A. S	12302	6, 14	Oct. 5
Douglas, John H	12321	21, 26	Dec. 22
Dugan, Madison	10385	17, 17	July 19
Dugan, Henry	10387	26, 27	July 31
Duggins, George M	12301	10, 13	Oct. 1
Durand, Nick	10396	8, 11	Sept. 17
Durand, John	10325	9, 10	Mar. 8
Dye, Eugene B	12313	8, 11	Dec. 4
Evans, Alexander B	10374	23, 32	June 25
Gibbons, Charles E	10354	11, 11	May 6
Gilmore, James K	10361	2, 2	May 21
Glopbrener, J. E	12316	4, 7	Dec. 13
Greer, Jessee	12323	12, 15	Dec. 28
Haptonstall, William R.	10334	17, 20	Mar. 24
Hawkins, W. C	10312	16, 16	Jan. 27
Hawley, Joseph P	10304	10, 12	Jan. 12
Hays, Charles T	10318	14, 15	Feb. 13
Hoffman, Henry O	10365	18, 17	May 27
Hoffman, John H	10343	22, 22	Apr. 6
Holmes, Cave	10320	22, 38	Feb. 23
Howard, John	10303	12, 10	Jan. 12
Hurst, Joseph	10352	12, 15	Apr. 24
Irvin, Moses	10315	25, 23	Feb. 1
Jones, Joseph M	10394	17, 22	Sept. 2
Jutte, August	10331	20, 20	Mar. 18
Kay, James W	10363	26, 34	May 25
King, Robert	10339	26, 34	Mar. 26
King, Harry H	10376	2, 11	June 28
Lawler, Frank	10344	4, 4	Apr. 7
Leitch, A. W	10353	7, 9	May 5
Littrell, William	10330	10, 12	Mar. 17
Meeker, Noah	10377	12, 33	June 29
Morris, John R	10319	25, 43	Feb. 23
Musselman, George W	10346	25, 40	Apr. 12
McBride, George W	10317	6, 32	Feb. 10
McCulloch, John H	10336	5, 10	Mar. 26
Nixon, Bartlett	10340	26, 33	Do.
Oyler, John W.	10341	15, 29	Mar. 29
Paul, Samuel H	12311	12, 12	Nov. 29
Peckenpaugh, J. H	10338	17, —	Mar. 26
Penny, David L	10362	25, 37	May 23
Piercy, Edward	12309	9, 9	Nov. 20
Pownall, Henry C	10307	18, 18	Jan. 14
Preston, S. J	10301	17, 17	Jan. 4
Pryor, Noble N	10328	12, 14	Mar. 15
Ryan, Francis M	10383	16, 16	July 15
Seals, Barnett	10399	18, 42	Sept. 28
Seals, George U	10306	10, 15	Jan. 13
Simpson, B. A	10329	20, 21	Mar. 16
Smith, Albert	10333	13, 12	Mar. 24
Smith, William F	10348	8, 20	Apr. 15
Stafford, William H	12320	6, 20	Dec. 22
Staib, John L	10379	9, 6	July 7
Stout, B. D	10342	12, 12	Mar. 29
Supplee, Charles H	12315	18, 18	Dec. 4
Taylor, John T	10309	24, 39	Jan. 21
Thickston, J. E	10367	16, 22	June 9
Told, Peter E	10389	5, 6	Aug. 7
Totton, George W	10313	18, —	Jan. 28
Triplett, John H	10368	15, 15	June 12
Varble, Dan. P	10310	25, 24	Jan. 23
Varble, Richard C	10323	16, 14	Mar. 8
Welch, John	10321	14, 13	Feb. 25
White, George L	12307	20, —	Oct. 26
Whysall, Job	10356	14, —	May 7
Williams, James L	10375	8, 11	June 26
Williams, Charles W	10384	23, 38	July 17
Wood, Samuel R	10382	9, 10	July 12
Wolverton, Joseph J	10398	8, 9	Sept. 28

Pilots licensed during the year ended December 31, 1897—Louisville, Ky.

First-class pilots.			
Allen, Charles S	3129	6	Oct. 16
Bartles, Frank	3119	7	July 12
Boes, John	3121	2	July 28
Collins, Ora	3127	6	Oct. 1
Cox, George B	3105	32	May 6
Cox, William B	3133	41	Dec. 1
Davis, John W	3103	4	Jan. 14
Faulknor, Alfred	3109	15	Apr. 7
Fergusson, Andrew	3134	43	Dec. 22
Fisher, Joseph A	3113	8	May 7
Frost, William P	3117	10	June 16
Gibbs, Wickliff	3123	5	Aug. 10
Godfrey, John	3111	17	Apr. 13
Green, Charles G	3126	12	Sept. 18
Grop, Thomas	3131	19	Nov. 26
Haslett, John	3115	2	June 1
Heath, John M	3132	5	Nov. 26
Heath, D. C	3135	8	Dec. 28
Hoffsummer, A. G	3122	10	Aug. 7
Holden, Robert M	3114	5	May 15
Hundley, Noble N	3110	9	Apr. 12
Knight, Charles A	3104	3	Feb. 25
Martin, James	3106	13	Mar. 10
McGuire, W. B	3102	13	Jan. 4
McKinney, Thomas	3112	5	Apr. 20
First-class pilots—Continued.			
McNutt, Charles	3107	5	Mar. 16
Paris, Joseph A	3116	8	June 7
Pfeifer, Harry D	3128	6	Oct. 16
Prescott, W. W	3120	16	July 28
Pryor, N. P	3124	3	Aug. 12
Ramsey, H. L	3108	6	Apr. 5
Rounds, Frank T	3118	5	June 17
Shipman, Harry	3125	2	Sept. 10
Smith, M. P	3130	4	Nov. 9
Westby, John L	3101	15	Jan. 20
Second-class pilots.			
Baker, Samuel H	3405	6	Mar. 9
Baker, D. D	3420	5	Sept. 8
Barber, Phil. D	3415	1	July 17
Bergenroth, C. W	3425	13	Nov. 20
Bergenroth, A. H	3426	12	Dec. 13
Ford, Charles	3411	2	May 1
Frank, Gus	3416	4	Aug. 2
Gilmore, Carl Raymond	3418	1	Aug. 7
Haslett, Samuel F	3414	4	June 15
Heath, B. C	3402	2	Feb. 8
Hennen, Alfred	3422	5	Sept. 20
Hulsey, Eugene	3407	6	Mar. 9

Pilots licensed—Louisville, Ky.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.				*First-class pilots*—Continued.			
King, J. W. R	3419	3	Aug. 20	Richards, John C	3421	4	Sept. 11
Lanciscus, L	3406	5	Mar. 10	Rusterholtz, August	3417	1	Aug. 6
Meeks, J. W	3424	4	Nov. 20	Shellman, Martin	3427	2	Dec. 27
Mershon, John R	3408	11	Mar 17	Stephens, Lee H	3423	7	Oct. 5
Miller, James P	3403	1	Feb. 26	Taylor, James C	3404	2	Mar. 1
Miller, Irvin	3413	5	June 14	Thomason, J. D	3409	1	Apr. 6
Orms, James B	3410	8	Apr. 19	Wheeler, H. C	3412	5	May 1
Rankin, Samuel V	3401	3	Jan. 15				

Joint pilot and engineer licensed during the year ended December 31, 1897—Louisville, Ky.

Name.	No. of license.	No. of issue.	Date of issue.
Hugh, Kimbley	1151	2	Aug. 16

Engineers licensed during the year ended December 31, 1897—Louisville, Ky.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers.				*Chief engineers*—Continued.			
Abbott, Joseph	10468	12	Sept. 8	Hurst, Joseph	10490	16	Dec. 15
Adams, Peter A	10486	4	Nov. 19	Irvin, John L	10426	15	Mar. 10
Anderson, John W	10407	29	Jan. 9	Jones, Edward L	10480	25	Oct. 23
Armstrong, William T	10463	9	Aug. 21	Jones, Oscar	10452	1	June 16
Baldwin, Nathaniel P	10460	28	Aug. 12	Keneday, Joseph	10401	11	Jan. 4
Ballard, Samuel R	10406	11	Jan. 11	Latham, Edward L	10405	4	Jan. 8
Bailey, Solon D	10455	13	July 15	Lloyd, Robert	10409	26	Jan. 18
Beeler, John W	10437	34	Apr. 17	Martin, John F	10442	31	Apr. 30
Beeler, James S	10469	10	Sept. 9	Miller, Harry E	10493	2	Dec. 28
Beeler, R. E	10475	26	Oct. 6	Morton, Waldo D	10485	24	Nov. 10
Brown, William E	10492	29	Dec. 22	Mummey, Thomas J	10483	2	Nov. 1
Canary, John	10448	14	May 17	McCrory, John	10410	19	Jan. 18
Carlisle, Samuel M	10471	2	Sept. 22	McFarland, Harry N	10435	15	Apr. 15
Carter, Lorane	10482	1	Nov. 1	Noles, Thomas N	10432	19	Mar. 26
Caye, Edmond	10417	16	Feb. 1	Noon, John	10404	15	Jan. 7
Chapman, Henry C	10476	23	Oct. 8	Norris, G	10403	24	Jan. 4
Cook, John M	10474	14	Oct. 5	Nunnemaker, James L.	10411	9	Jan. 19
Crump, John	10402	19	Jan. 4	Phelps, William	10447	30	May 12
Curry, George P	10445	19	May 8	Phillips, James	10464	7	Aug. 23
Curry, John B	10451	6	June 16	Pitt, William H	10420	15	Feb. 15
Curry, Charles H	10467	9	Sept. 2	Plummer, Charles E	10427	2	Mar. 12
Druck, William A	10456	14	July 16	Prichard, Eugene	10439	13	Apr. 19
Dugan, Harry	10459	13	July 31	Pyle, John E	10465	25	Aug. 28
Dugan, Madison	10449	15	June 9	Rhea, Seth W	10478	6	Oct. 18
Dugan, George	10422	21	Feb. 20	Riggle, Garret E	10484	26	Nov. 6
Dugan, James C	10489	20	Dec. 14	Riley, John J	10450	15	June 16
Ehringer, George	10461	21	Aug. 19	Rodner, Benjamin G	10423	6	Feb. 24
Ellis, James L	10421	10	Feb. 15	Shaff, Adolph J	10470	6	Sept. 14
English, John T	10430	18	Mar. 20	Smith, W. C. W	10414	18	Jan. 26
Fisk, Samuel H	10428	6	Mar. 15	Smith, Stephen	10488	21	Dec. 13
Fisk, Pelig	10412	20	Jan. 22	Smith, Harry E	10472	4	Sept. 28
Gaugh, John G	10446	14	May 10	Spence, David B	10477	16	Oct. 14
George, John	10416	3	Jan. 30	Stephens, George	10425	18	Mar. 9
George, Robert	10453	16	July 1	Stuart, George F	10431	10	Mar. 21
Genner, Edgar L	10458	6	July 19	Sugg, Charles A	10443	17	May 1
Genning, Ephram J	10419	25	Feb. 8	Supplee, Charles H	10462	30	Aug. 19
Gilbert, Thomas T	10466	19	Aug. 28	St. John, James P	10429	15	Mar. 16
Gilmore, Charles P	10473	9	Oct. 1	Taylor, Noah C	10491	15	Dec. 16
Good, Frank	10457	1	July 16	Temple, Frank W	10436	14	Apr. 16
Gumbert, Elias P	10440	7	Apr. 20	Turner, George C	10441	5	Apr. 20
Good, Frank M	10418	39	Feb. 4	Turner, William F	10408	14	Jan. 16
Hall, James S	10415	2	Jan. 27	Underwood, James	10413	36	Jan. 23
Horton, John T	10438	41	Apr. 19	Van Horn, W. M	10434	23	Apr. 7
Horton, John W	10487	20	Nov. 20	Walker, Joseph	10479	34	Oct. 21
Hughs, James A	10424	3	Feb. 24	Walker, William T	10481	29	Oct. 28

Engineers licensed—Louisville, Ky.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Webb, Alfred	10444	17	May 5
White, Robert H	10433	14	Apr. 7
Woodruff, William C	10454	5	July 15
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Bateman, William C	4453	10	Sept. 17
Beaver, L. A	4426	14	Apr. 26
Beebe, Peter	4459	8	Nov. 2
Columbus, William N	4441	13	July 28
Gibson, James H	4454	8	Sept. 28
Gill, Charles E	4448	19	Aug. 28
Greer, Edward	4444	6	Aug. 2
Halstead, David	4402	15	Jan. 2
Hasenstab, Michael	4455	7	Oct. 9
Haslett, Samuel F	4401	8	Jan. 2
Kegal, George	4443	7	July 31
Knox, James S	4447	11	Aug. 27
Moore, John	4417	5	Mar. 9
Nave, William I	4433	16	July 28
Neal, Thomas	4464	18	Dec. 8
Paul, Samuel H	4461	4	Nov. 29
Robinson, Harrison	4436	17	July 8
Sheets, John T	4408	10	Jan. 20
Sondrett, John	4440	13	July 23
Stephens, U. G	4405	8	Jan. 12
Taylor, George B	4422	4	Apr. 7
Walker, Clarence	4438	1	July 17
Wattam, John	4456	12	Oct. 12
Weber, William H	4418	5	Mar. 24
Whitaker, John D	4425	12	Apr. 17
Assistant engineers.			
Atkinson, James H	4427	6	May 10
Baker, S. H	4465	6	Dec. 27
Baker, D. D	4450	10	Sept. 8
Baker, James M	4419	2	Mar. 30
Beard, John T	4413	1	Feb. 24
Bergenroth, W. H	4424	13	Apr. 16
Bosley, Millard F	4429	11	May 22
Bridenback, Charles F	4407	18	Jan. 16
Chandler, Oscar	4452	5	Sept. 14
Chief engineers—Continued.			
Denny, John	4416	10	Mar. 1
Ehringer, Cornelius	4412	1	Feb. 10
Fisher, Robert H	4457	6	Oct. 23
Garvin, Frank W	4437	10	July 16
Glenn, James D	4415	9	Feb. 25
Grim, John L	4420	2	Apr. 2
Hopkins, Thomas E	4410	2	Feb. 5
Irwin, Hiram S	4430	2	May 25
Lawson, John W	4432	10	July 7
Lutz, Frank C	4435	11	July 8
Lewis, William R	4403	3	Jan. 4
Massey, A. B	4462	4	Dec. 2
Meeks, Thomas J	4442	4	July 28
Mewick, Harry	4446	9	Aug. 12
Milligan, Charles	4406	6	Jan. 16
Moore, Frank	4414	5	Feb. 25
Orms, William	4434	13	July 3
Osborn, Marion	4431	11	May 27
Peckenpaugh, John H	4449	7	Sept. 1
Phillips, William	4458	19	Oct. 29
Rickets, John W	4423	8	Apr. 15
Sheily, Hiram L	4451	6	Sept. 8
Sherror, Joseph	4445	6	Aug. 12
Smith, William P	4409	4	Jan. 25
Sohn, Andrew	4463	5	Dec 1
Stottlebower, Mike	4428	18	May 11
Vawter, Newton W	4404	3	Jan. 4
Walker, Louis A	4421	4	Apr. 6
Wattam, Joseph	4439	2	July 23
Whitaker, Charles	4460	6	Nov. 2
Wood, William	4411	6	Feb. 5
Special engineers.			
Ash, Joseph B	2310	1	Oct. 12
Beerman, Ira	2301	5	Jan. 21
Campbell, Edward C	2307	1	July 6
Ford, Charles	2305	4	May 1
Frank, Gus	2311	3	Oct. 20
La Heist, A. A	2302	1	Feb. 5
McConnell, John H	2306	1	July 24
McIntosh, John	2304	1	Apr. 6
Prather, Howard M	2308	1	July 30
Stephens, Lee H	2309	4	Oct. 5
Thompson, J. B	2312	1	Dec. 21
Wheeler, H. C	2303	3	Feb. 15

LOCAL DISTRICT OF EVANSVILLE, IND.

Masters licensed during the year ended December 31, 1897—Evansville, Ind.

Name.	No. of license.	No. of issue.*	Date of issue.
Cassidy, Frank	10278	8	July 17
Cornick, John	10267	5	June 25
Cox, James H	10268	14	June 26
Crane, James F	10255	11	May 10
Crouch, John A	10245	9	Apr. 2
Dodds, Allen N	10243	2	Do.
Gilbert, H. C	12412	11	Nov. 10
Jacobs, Arrell J	12409	2	Oct. 30
January, Thomas M	10250	4	Apr. 26
Kahn, Lee	10264	3	June 10
Miller, Arthur E	12416	3	Nov. 26
Montgomery, Henry	10280	6	July 26
Mitchell, Henry S	10263	19	June 8
Myers, John M	10228	5	Feb. 23
Perkins, Charles G	10225	10	Feb. 18
Pitcher, Thomas	12402	7	Sept. 20
Riggs, William	10281	9	July 26
Server, Cornelius E	10227	2	Feb. 22
Server, William W	10294	4	Aug. 25
Sheffer, Thomas T	10291	10	Aug. 18
Tardy, Frank	10292	8	Do.
Taylor, William	10260	12	May 27
Thompson, F. P	10266	4	June 19
Throop, George S	12422	17	Dec. 23
Wicht, William H	12410	1	Oct. 30
Wartmann, J. W	12407	7	Oct. 28
Whitlow, Lloyd M	10217	3	Feb. 6
Whitlow, Harvey	12401	6	Sept. 20

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed during the year ended December 31, 1897—Evansville, Ind.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Applegate, Charles B	10220	15, 19	Feb. 12	Hornbrook, Sanders C	12414	2, 2	Nov. 20
Arnold, Jacob	10223	9, —	Feb. 17	Hudson, Abraham	10270	11, 11	July 2
Barry, Thomas	10211	13, —	Jan. 15	Hurd, A. H	10212	16, —	Jan. 16
Barry, John	10249	12, —	Apr. 24	Ingle, John	10271	3, 10	July 3
Barry, John	10265	15, 15	June 18	Joiner, John H	10232	23, —	Feb. 27
Bauer, Ottoman	12420	18, 12	Dec. 9	Johnson, Samuel M	12408	8, 9	Oct. 29
Baumgardner, A. J	10300	26, —	Sept. 17	Jones, Pennel	10285	13, —	Aug. 5
Benley, Elmore W	12403	19, —	Sept. 30	Keplinger, M. J	10238	10, 12	Mar. 17
Bibb, James B	10277	16, —	July 16	King, Felix	10295	19, —	Aug. 26
Blair, Samuel D	10242	17, —	Apr. 1	Kirkbride, Thomas H	12406	10, 6	Oct. 20
Blincoe, William M	10235	20, —	Mar. 4	Klier, Francis	10299	9, —	Sept. 8
Bradley, L. T	10252	25, —	Apr. 26	Lamb, James C	10274	9, 9	July 10
Bradley, Charles A	10275	9, 10	July 15	Lankford, John	10203	20, —	Jan. 6
Bradley, Belfield B	12405	20, 20	Oct. 9	Lippitt, William D	10284	13, —	July 31
Boluss, Thomas	10256	24, —	May 22	Louis, Stephen D	10234	15, —	Mar. 4
Burnett, James	10233	4, 20	Feb. 27	Luty, William M	10298	19, 33	Sept. 3
Campbell, M. H	10253	20, —	May 1	Mackey, Absolom	10269	24, 24	July 1
Carson, Robert B	10273	21, 22	July 9	McCaulley, Milliard	10210	12, 12	Mar. 27
Carson, John R	10279	10, —	July 20	Mellon, Augustus	12419	4, 22	Dec. 6
Clark, Ernest J	10251	15, —	Apr. 26	Miller, John C. C	10299	19, 33	Aug. 14
Coffin, Levi	12411	20, —	Nov. 8	Moore, Josiah S	12413	9, 8	Nov. 26
Cole, C. Arthur	10244	16, 17	Apr. 2	Nellis, Walter O	12421	4, 9	Dec. 10
Conner, Larkin O	10231	18, —	Feb. 25	Nelson, James M	10287	11, —	Aug. 6
Cooper, William M	10221	15, —	Feb. 15	Nichols, Charles	10297	7, 29	Sept. 23
Cooper, Charles L	10222	5, 7	Do.	Newman, John H	10208	23, —	Jan. 8
Damron, James A	10272	25, —	July 3	Nugent, James	10229	4, 11	Feb. 23
Daulley, Thomas M	10246	10, 38	Apr. 5	Overstreet, W. S	10201	9, 15	Jan. 5
Echols, Marcus A	10257	12, 39	May 22	Paris, Scott	10236	9, 18	Mar. 9
Edwards, William H	10226	17, —	Feb. 20	Pierce, John W	10210	8, 19	Jan. 11
Estes, James	10276	23, —	July 16	Rearden, J. E	10230	20, —	Feb. 25
Farrow, Charles P	10207	17, —	Jan. 8	Renfro, Edward M	10286	4, 7	Aug. 6
Finnie, Thomas	10293	19, —	Aug. 20	Roberts, E. P	10219	18, 26	Feb. 8
Frazier, William	12415	15, 17	Nov. 23	Rogers, John W	10209	15, —	Jan. 8
Gilligan, James J	10237	1, 3	Mar. 11	Sauerheber, M. L	10216	9, 12	Feb. 3
Gillispie, John J	12417	19, —	Nov. 26	Shewmaker, John W	10202	16, 19	Jan. 5
Glenn, Andrew	10259	17, —	May 26	Shewmaker, S. R	12404	16, 14	Oct. 6
Gosnell, Andrew J	10214	20, —	Jan. 18	Shipley, Edward H	12215	16, 15	Feb. 1
Green, Samuel K	10258	24, —	May 26	Snyder, Adam	10206	23, 8	Jan. 8
Hacker, John S	10204	22, —	Jan. 6	Strasser, Paul	10261	13, 30	June 1
Hall, Emmett M	10247	6, 13	Apr. 5	Timmons, John L	10288	8, 16	Aug. 10
Harrington, Timothy C.	10296	13, —	Aug. 28	Thompson, James B	10213	22, —	Jan. 18
Hawkins, Thomas	10241	18, —	Mar. 31	Throop, John H	10282	22, 24	July 28
Herndon, Ben. F	10248	17, 17	Apr. 19	Totten, J. M	10254	26, 34	May 10
Higlen, James	10239	12, —	Mar. 24	Tullis, Louis D	10289	12, —	Aug. 13
Hockman, Ben. F	10218	13, —	Feb. 8	Williams, Thomas A	10205	11, 14	Jan. 7
Hood, Edward S	10262	13, —	June 4	Williams, Richard R	12418	15, 13	Dec. 6
Hornbrook, Robert	10224	15, —	Feb. 17	Yost, Isaac S	10283	10, —	July 30

Pilots licensed during the year ended December 31, 1897—Evansville, Ind.

First-class pilots.				*First-class pilots*—Continued.			
Barnes, William B	3002	4	Jan. 13	Overstreet, William	3331	2	Oct. 11
Barnes, James R	3017	1	June 18	Peter, George W	3026	3	Sept. 13
Bewley, George	3028	9	Sept. 21	Scholey, David	3025	9	Nov. 8
Bishop, G. R	3008	7	Mar. 3	Shaw, William C	3021	35	July 10
Bowles, Thomas K	3027	1	Sept. 16	Spence, George W	3023	7	Aug. 6
Breidenbach, Charles T.	3004	1	Feb. 15	Welch, George C	3005	14	Feb. 17
Briscoe, William	3024	14	Aug. 18	Wilboon, William B	3014	1	May 22
Brown, Walter	3013	14	May 15	Williams, William N	3006	2	Feb. 22
Burress, Pressley	3030	12	Sept. 23	Wilkins, John D	3029	11	Sept. 23
Carr, Charles W	3010	14	Mar. 9	Wilson, Calvin E	3001	16	Jan. 6
Collins, Nathan	3009	12	Mar. 8	Wilson, Jessie L	3032	1	Oct. 15
Collins, John	3019	6	July 1	Young, Charles T	3025	1	Aug. 26
Daugherty, James H	3003	13	Feb. 2				
Daulley, Charles E	3012	15	Mar. 29	*Second-class pilots.*			
Fuchs, Fredrick L	3033	10	Oct. 22				
Gosnell, Charles J	3020	14	July 9	Bagwell, Josiah	3349	14	Aug. 7
Greer, Stephen D	3036	36	Dec. 1	Barrow, Thomas	3334	1	June 9
Gupton, William R	3016	24	June 17	Blair, John P	3324	1	May 3
Horton, Robert H	3022	6	Aug. 2	Bosaw, David	3362	7	Nov. 1
Hougland, Walter G	3034	5	Oct. 26	Buchanan, James P	3352	1	Aug. 31
Howell, C. H	3007	5	Feb. 25	Cobble, Alfred	3329	5	May 19
Hudson, Benton J	3015	7	June 1	Compton, Charles R	3333	1	June 8
Hunt, A. W	3018	5	June 19	Conner, William O	3330	3	May 24
Keplinger, George L	3011	1	Mar. 10	Conner, James O	3354	14	Sept. 3

Pilots licensed—Evansville, Ind.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Second-class pilots*—Continued.			
Copland, Lawrence W	3336	16	June 10	Lamb, George A	3350	1	Aug. 18
Crunk, John B	3327	12	May 10	Langdon, Michael F	3320	3	Mar. 23
Damon, Adam J	3348	8	Aug. 3	McAlpin, Walter P	3312	5	Feb. 20
Dassing, Charles	3009	13	Feb. 6	McAnally, John T	3369	1	Dec. 10
Davidson, Joseph A	3325	2	May 4	McCormick, W. F	3316	4	Mar. 13
Davis, W. H	3351	7	Aug. 24	Nellis, Charles F	3338	3	June 21
Depray, Cland	3313	2	Feb. 25	Price, Josiah A	3363	3	Nov. 8
Deputy, Robert H	3323	3	Apr. 27	Reardon, J. E	3308	8	Feb. 2
Finnie, Daniel	3319	10	Aug. 20	Records, James A	3322	9	Mar. 31
French, T. W	3368	7	Nov. 29	Runge, Robert	3321	10	Mar. 23
Fretagoet, Oliver N	3367	6	Nov. 26	Sargent, Marshall	3361	3	Oct. 14
Fuchs, Charles F	3353	1	Sept. 2	Sauerheber, William	3305	9	Jan. 21
Fuller, Thomas	3343	16	July 17	Schwartz, Albert	3315	10	Mar. 6
Garvin, Samuel	3341	10	July 13	Shepard, John T	3302	9	Jan. 7
Gibson, James P	3366	4	Nov. 20	Shewmaker, Albert	3364	4	Nov. 10
Hammerstein, Geo. J	3359	11	Oct. 9	Shiver, Henry	3358	10	Sept. 29
Hanes, Daniel L	3306	10	Jan. 21	Sibley, William F	3360	3	Oct. 12
Heine, Edward C	3339	11	June 24	Sturtevant, Herbert	3307	3	Feb. 1
Hennen, James J	3311	5	Feb. 18	Stewart, William T	3344	7	July 20
Henry, John S	3345	2	July 27	Sturgis, Samuel P	3317	2	Mar. 15
Hicks, Wilson	3331	1	May 24	Taylor, George W	3318	6	Mar. 18
Hill, Martin	3328	13	May 19	Thorn, Henry F	3314	2	Mar. 2
Hock, William A	3346	11	July 27	Tolbert, James	3347	2	July 27
Howell, John L	3370	13	Dec. 18	Thurman, Thomas M	3356	2	Sept. 23
Hollander, John	3304	4	Jan. 20	Williams, Horace T	3326	6	May 10
Houghland, John L	3332	3	June 5	Wolcott, George A	3337	9	June 12
Hyatt, Elijah	3340	6	July 1	Wright, George D	3342	12	July 13
Joiner, W. P	3310	6	Feb. 16	Wright, John B	3365	1	Nov. 12
Keeler, Charles C	3335	9	June 10	Young, Charles T	3301	4	Jan. 4
Keeler, William B	3355	2	Sept. 20	Youngman, Vinson S	3357	1	Sept. 23
Kratz, William	3303	7	Jan. 7				

Joint pilot and engineer licensed during the year ended December 31, 1897—Evansville, Ind.

Name.	No. of license.	No. of issue.	Date of issue.
Thomas, R. Y	1101	4	Feb. 22

Engineers licensed during the year ended December 31, 1897—Evansville, Ind.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers.				*Chief engineers*—Continued.			
Agnew, T. P	10328	20	Mar. 3	Hickman, Charles	10323	16	Feb. 15
Atkinson, Benjamin	10331	34	Mar. 22	Hickman, Dallas	10332	12	Mar. 27
Barry, John	10349	15	June 18	Hickman, Bailey	10351	16	June 25
Beard, Theodore	10315	19	Feb. 2	Hickman, Albert	10370	10	Aug. 16
Beard, John	10386	27	Dec. 27	Hitchcock, James J	10361	2	July 13
Bruner, George C	10308	5	Jan. 13	Howe, Samuel A	10313	8	Jan. 25
Burchell, Richard	10339	21	May 10	Jones, Josiah D	10367	3	Aug. 6
Carlisle, Hardy	10342	30	May 19	Jordon, William T	10316	13	Feb. 2
Cassidy, Frank	10360	19	July 13	Keeler, Oscar F	10356	14	July 5
Clinger, George	10304	20	Jan. 5	Killinger, William H	10336	7	Apr. 17
Cowley, George J	10380	5	Sept. 28	Kirkbride, Thomas H	10350	16	June 23
Dassing, Charles	10317	12	Feb. 5	Larue, Horatio	10340	26	May 11
Davidson, Charles H	10347	10	June 9	Latham, Robert E	10322	4	Feb. 14
Decker, Henry	10337	15	Apr. 20	Lentz, William R	10373	22	Aug. 18
Echart, Stewart E	10329	18	Mar. 13	Lionbarger, Isaac C	10312	13	Jan. 23
Ellis, George L	10311	15	Jan. 20	Magee, George T	10364	14	July 27
Emmick, George	10381	1	Oct. 2	Manahan, Daniel W	10363	5	July 17
Hall, Thomas N	10374	22	Aug. 26	Mason, Henry H	10335	9	Apr. 16
Hattaway, Andrew J	10318	23	Feb. 5	Maratta, John P	10379	14	Sept. 28
Hebron, Thomas	10387	18	Dec. 27	McAuliff, John	10368	6	Aug. 10
Hart, Joseph E	10320	9	Feb. 10	McElhinney, George F	10359	23	July 10
Helling, Edward	10325	11	Feb. 23	McKinley, Joseph	10355	18	July 5
Hickman, Jesse	10309	21	Jan. 14	McLean, E. D	10321	16	Feb. 12

Engineers licensed—Evansville, Ind.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Meyer, Henry	10385	16	Dec. 18
Moore, William J	10334	32	Apr. 2
Moore, Charles	10353	3	July 5
Moore, John H	10366	20	July 29
Moore, Josiah S	10383	28	Nov. 18
Moore, Josiah S., jr	10384	2	Nov. 30
Palmer, Alanson	10358	5	July 9
Perkins, Elijah	10352	26	June 29
Ramberger, Daniel	10319	11	Feb. 8
Ray, John F	10377	40	Sept. 17
Redden, Robert	10338	39	Apr. 21
Sanders, George M	10348	24	June 11
Sanders, James A	10378	32	Sept. 24
Scheid, Phillip	10362	7	July 15
Schemer, Jacob M	10346	9	June 5
Seward, Edwin	10382	37	Oct. 22
Sheffer, Thomas	10372	25	Apr. 18
Shepard, R. B	10302	12	Jan. 4
Shepard, John T	10305	15	Jan. 7
Shepard, John	10306	29	Do.
Shelton, Thomas	10345	4	June 3
Shewmaker, Samuel W	10365	9	July 28
Smith, William H	10330	21	Mar. 16
Shumate, John	10301	16	Jan. 2
Speckernagle, Chas. A	10310	14	Jan. 20
Stroud, H. C	10354	17	July 5
Springer, Charles J	10324	3	Feb. 15
Terry, Sidney P	10326	7	Feb. 25
Thacker, John S	10375	30	Sept. 1
Thomas, John H	10333	11	Mar. 27
Tryon, James	10341	8	May 11
Tubbs, Samuel	10303	29	Jan. 4
Tucker, W. W	10314	18	Jan. 28
Uncell, Fredrick	10327	16	Mar. 2
Vandergriff, Joseph	10307	13	Jan. 7
Wallace, E. D	10376	32	Sept. 4
Weston, James L	10357	22	July 8
Williams, Joseph E	10369	9	Aug. 16
Witzman, Robert	10344	15	May 27
Wolfe, William H	10343	16	May 25
Wright, John B	10371	5	Aug. 16
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Aldridge, John W	4323	3	Jan. 28
Bagwell, Josiah	4383	13	Aug. 7
Bear, Charles H	4339	7	Mar. 17
Berry, William	4320	14	Jan. 26
Blair, John P	4355	1	Apr. 29
Butts, Stephen P	4315	13	Jan. 15
Camp, B. A	4318	5	Jan. 20
Cecil, George H	4336	9	Feb. 27
Collins, John	4314	17	Jan. 14
Conner, Larkin O	4334	4	Feb. 25
Conner, Benjamin O	4393	3	Aug. 30
Cooper, Wayman R	4305	4	Jan. 7
Cox, James H	4341	16	Mar. 23
Dassing, Louis	4325	11	Feb. 6
Davis, George W	8109	10	Nov. 8
Day, Louis	8112	5	Dec. 10
Dreibellis, Oscar	4390	8	Aug. 20
Dunn, John W	4361	12	May 14
Farrow, Charles P	4307	13	Jan. 8
Finnie, Gorden	4303	15	Jan. 7
Finnie, Thomas R., jr	4380	7	July 19
Finnie, Robert E	4386	2	Aug. 16
Finnie, Thomas	4389	12	Aug. 20
Fuchs, Fred	4301	5	Jan. 4
Garvin, Samuel	4378	9	July 13
Graham, Charles	8106	6	Oct. 20
Grainger, William H	4331	20	Feb. 20
Gorman, John H	4335	13	Feb. 27
Hacket, L. H	8107	13	Oct. 25
Harrington, T. C	4392	16	Aug. 28
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Hawkins, Isaac	4360	16	May 14
Haydon, Charles T	4366	10	May 29
Hays, Clayboon	8105	5	Oct. 19
Heine, George	4342	11	Jan. 23
Heine, Peter	4362	15	May 19
Henry, John B	4310	18	Jan. 11
Henry, Nathaniel W	8108	2	Nov. 2
Hockman, Ben. F	4345	19	Apr. 1
Hurst, William	4365	9	May 27
Kirkbride, Harry V	8101	3	Oct. 8
Kratz, William	4302	4	Jan. 7
Langdon, Michael F	4340	11	Mar. 23
Lauvent, John	4387	13	Aug. 18
Lucas, Charles C	4351	14	Apr. 16
Mackle, John	4367	3	May 29
Parker, Albert P	4321	5	Jan. 28
Pride, Christofer C	4326	8	Feb. 8
Ray, George	8111	9	Nov. 27
Rearden, J. E., jr	4317	5	Jan. 18
Reynolds, Baker S	4368	6	June 1
Reynolds, Lycurgus	4394	14	Sept. 13
Roberts, William A	4350	9	Apr. 16
Rosenberger, Wm. F	4388	7	Aug. 20
Sanduskey, James E	4349	7	Apr. 12
Sauerheber, M. L	4311	10	Jan. 11
Sauerheber, William	4312	5	Do.
Schmitt, Lenard	4328	8	Feb. 12
Shepard, John	4400	17	Oct. 4
Shepard, David	8110	13	Nov. 27
Shewmaker, Uriah	4379	2	July 13
Shouse, William H	4352	11	Apr. 26
Sickman, William A	4359	16	May 12
Spurgeon, Dawson	4319	10	Jan. 23
Smith, James H	4385	8	Aug. 13
Stinson, Charles	8104	11	Oct. 13
Thacker, John	8103	11	Oct. 9
Vandergrift, B. B	4353	5	Apr. 26
Wainman, John N	4324	12	Feb. 4
Walter, E. R	4375	7	June 23
Williams, Thomas A	4304	14	Jan. 7
Wilson, Thomas J	4347	14	Apr. 9
Wolcott, James F	4369	9	June 12
Zanone, Joseph A	4395	21	Sept. 17
Assistant engineers.			
Alderson, Harvey	4356	8	May 3
Bacigalupo, Charles L	4322	7	Jan. 28
Baker, Thomas B	4374	3	June 23
Boss, George	4391	8	Aug. 25
Butler, Louis	4363	1	May 26
Carman, Henry	4309	7	Jan. 8
Carnes, Richard	4381	1	July 26
Carpenter, William	4344	6	Mar. 29
Deputy, Robert W	4354	4	Apr. 27
Durham, William J	4337	1	Mar. 4
Eichelberger, James	4346	8	Apr. 2
Fisher, William	4397	1	Sept. 21
Fowler, George	4330	5	Feb. 16
Fretagoet, Oliver N	4309	2	Jan. 8
Goddard, Elmar	4396	6	Sept. 20
Henry, John S	4364	4	May 26
Hoskinson, Thomas G	4338	6	Mar. 15
Keeler, Louis E	4382	1	Aug. 2
Kemlo, James	4332	6	Feb. 22
Kiley, Michael	4399	8	Oct. 1
Larue, Ore C	4343	8	May 26
Lewis, S. D	4376	15	July 9
Lonergan, Samuel M	4372	5	June 17
Markham, H. C	4306	10	Jan. 7
Mason, John	4358	7	May 6
McNeece, Albert	4316	6	Jan. 18
Mills, James	4329	7	Feb. 15
Mitchell, James H	4313	4	Jan. 11
Mitchell, James W	8102	8	Oct. 9
Nagel, Fred	4398	15	Sept. 29
Norcutt, James	4377	6	July 9

Engineers licensed—Evansville, Ind.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Assistant engineers—Continued.				*Special engineers.*			
Pearson, Charles R	4327	8	Feb. 8	Cobble, James E	2201	5	May 9
Peck, A. A	4376	6	June 21	Fletcher, W. W	2205	5	Aug. 2
Shelton, Henry	4371	10	June 17	Hasenohr, John B	2204	4	July 21
Stettler, Samuel	4370	8	June 14	Mackey, Thomas	2202	1	May 19
Styles, Edwin	4348	5	Apr. 9	Marsh, Grant C	2203	1	June 23
White, George	4384	6	Aug. 13	Prox, Herman C	2206	4	Aug. 6
Williams, William N	4333	8	Feb. 23	Worley, Leonidas	2207	2	Nov. 8
Zoll, John P	4357	2	May 3				

SEVENTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF CINCINNATI, OHIO.

Masters licensed during the year ended December 31, 1897—Cincinnati, Ohio.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Agnew, Mace	4899	16	June 19	McLaughlin, Lewis E	4805	3	Jan. 8
Alexander, James W	4919	4	July 20	Mirrillees, Ben M	4807	22	Jan. 13
Allander, John C. Hill	4974	8	Nov. 9	McIntyre, Malcolm W	4808	7	Do.
Bowen, William H	4817	5	Jan. 28	Morton, Frank M	4835	14	Feb. 24
Brennan, John	4847	15	Mar. 9	Mace, Ellis C	4846	5	Mar. 8
Burke, James	4909	6	July 1	McIntyre, Sterling C	4848	21	Mar. 9
Bond, Thomas J	4930	5	Aug. 16	Morris, Lewis H	4941	14	Aug. 31
Collins, George S	4813	6	Jan. 21	McIntyre, William F	4928	16	Aug. 11
Cropper, Joshua T	4918	8	Jan. 29	Montgomery, Alex	4979	12	Nov. 12
Church, Charles	4920	12	July 21	Pownall, Blan	4810	12	Jan. 15
Connelly, Owen W	4959	3	Oct. 4	Procter, Henry O	4975	5	Nov. 11
Christian, William H	4992	15	Nov. 26	Redden, Henry	4802	6	Jan. 2
Dupuy, James	4851	5	Mar. 22	Rake, John W	4984	16	Nov. 17
Graves, George	4826	8	Feb. 8	Shedd, D. W	4801	16	Jan. 2
Howard, James	4833	7	Feb. 17	Simpson, Albert	4834	1	Feb. 17
Hegler, Harry D	4895	6	June 10	Stepleton, William L	4841	1	Mar. 4
Hazlett, Andrew C. D	4898	7	June 19	Shinkle, Chaut V	4859	13	Apr. 3
Harrison, Joshua B	4952	14	Sept. 16	Shaw, William R	4887	3	May 21
Hegler, J. D	4954	26	Sept. 23	Sweeney, John H	4900	17	June 22
Heib, Jacob	4961	1	Oct. 7	Sayre, Daniel W	4950	1	Sept. 14
Hartweg, Fred	4966	11	Oct. 19	Sauborn, Peter	4948	8	Sept. 13
Irwin, Jesse P	4912	1	July 10	Shriver, Mitchell O	4990	6	Nov. 23
Knox, Harry D	4894	11	June 10	Stepleton, Columbus C	4985	3	Nov. 17
Kennedy, Frank	4981	13	Nov. 13	Skelton, Isaac F	4999	3	Dec. 11
Lepper, William C	4842	10	Mar. 4	Thompson, John P	4925	7	Aug. 5
Laidley, Frederick A	4870	4	Apr. 15	Vinton, Hiram J	4912	26	July 9
Long, Edwin E	4889	3	May 24	Wagner, Peter H	4806	1	Jan. 12
Mauck, Eli R	4803	13	Jan. 5				

Masters and pilots licensed during the year ended December 31, 1897—Cincinnati, Ohio.

Autenheimer, Francis A	4839	23, 42	Mar. 3	Bailes, George	4991	12, 17	Nov. 26
Anderson, William L	4849	25, 32	Mar. 18	Bing, William H	5000	24, 25	Dec. 13
Alden, Elihu	4852	14, 17	Mar. 23	Brookhart, William F	5006	15, 20	Dec. 21
Agnew, John C	4867	18, 16	Apr. 13	Cole, Charles A	4809	17, 11	Jan. 14
Agnew, William W	4875	10, 13	Apr. 24	Culver, Kirk	4816	14, 24	Jan. 28
Applegate, Richard	4883	26, 34	May 7	Cramer, Gustav A	4821	21, 21	Feb. 2
Angel, George H	4890	16, 15	May 25	Clouser, William B	4822	13, 13	Feb. 4
Adams, Theodore	4934	7, 6	Aug. 19	Corns, Charles W	4832	7, 17	Feb. 16
Albro, Charles H	4937	19, 19	Aug. 24	Conway, Charles S	4880	9, 16	May 1
Buttenfield, John W	4838	20, 20	Mar. 3	Campbell, James T	4901	26, 29	June 23
Bobo, Thomas J	4840	23, 35	Do.	Christy, Morton	4903	15, 15	Do.
Bettens, Charles	4844	6, 33	Mar. 8	Collier, Wheeler	4913	13, 40	July 10
Brooks, Lee H	4860	1, 3	Apr. 3	Clark, William H	4918	11, 15	July 20
Bowen, Lucien E	4874	14, 18	Apr. 23	Crawford, Charles L	4913	9, 9	Aug. 16
Browinski, James F	4884	14, 9	May 14	Campbell, Benjamin B	4926	12, 12	Aug. 6
Burnside, Edwin A	4891	13, 12	May 28	Chancellor, E. P	4945	22, 14	Sept. 2
Bryson, Alphonso	4905	17, 16	June 25	Clift, William B	4949	16, 24	Sept. 14
Baker, Frank W	4907	15, 16	June 28	Calhoun, Alexander	4988	18, 24	Nov. 20
Barrett, Oscar F	4911	12, 8	July 7	Clephane, William M	4994	19, 23	Dec. 2
Brown, Samuel	4947	18, 17	Sept. 13	Clark, Charles C	5005	17, 15	Dec. 21

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Cincinnati, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Davis, L. D	4863	16, 22	Apr. 6	Martin, James R	4872	25, 25	Apr. 17
Doss, Sylvester	4882	24, 33	May 5	Moore, Samuel G	4876	26, 29	Apr. 27
Drake, George A	4940	7, 7	Aug. 30	Marriner, Thomas D	4888	20, 20	May 24
Doty, Arthur W	4951	7, 7	Sept. 16	Moriidge, John	4915	22, 42	July 15
Doss, Harry W	4965	10, 13	Oct. 18	Montgomery, George H.	4916	6, 7	July 16
Dufour, Charles J	4986	24, 35	Nov. 19	McGuire, John	4917	21, 26	July 17
Dennis, Ambrose	4989	27, 45	Nov. 22	Mooar, Luke N	4921	25, 31	July 21
Devol, Edward R	4996	23, 24	Dec. 6	Menday, George	4927	7, 9	Aug. 6
Davis, Theodore C	4998	25, 32	Dec. 10	Matson, George H	4935	11, 11	Aug. 23
Edgington, Arch. E	4837	4, 4	Mar. 2	Marr, Don A	4946	12, 3	Sept. 3
Ellison, James F	4857	15, 9	Apr. 1	Mooar, Frank P	4969	17, 29	Oct. 29
Edgington, George W	4879	19, 19	Apr. 30	McMahan, Harvey	4971	26, 33	Nov. 4
Edgington, Robert W	4923	3, 3	July 28	McMahan, Hiram C	4978	19, 22	Nov. 12
Edgington, Andrew M.	4929	1, 1	Aug. 12	McMakin, Lawrence	4980	1, 3	Do.
Edgington, Orla	4963	7, 10	Oct. 8	Nichols, Justus J	4825	18, 16	Feb. 8
Edgington, John E	5007	7, 8	Dec. 22	Nelson, Robert T	4845	21, 36	Mar. 8
Fearn, Samuel S	4828	15, 9	Feb. 10	Owens, Charles F	4893	25, 45	June 7
Fenton, Howard	4830	4, 7	Feb. 13	Osterhouse, William E.	4897	6, 7	June 15
Fawcett, Snelling P	4886	12, 40	May 18	Ott, Charles G	4902	10, 13	June 23
Foutty, Isaac N	4908	13, 16	July 1	Pursell, Joseph R	4804	17, 39	Jan. 7
Flenniken, Joseph D	4938	11, 13	Aug. 26	Pell, James	4861	18, 37	Apr. 3
Flesher, A. J	4958	19, 18	Oct. 4	Phister, Conard M	4924	5, 8	Aug. 5
Ford, James	4973	23, 34	Nov. 6	Pritchard, Albert B	4933	8, 13	Aug. 18
Gray, Joseph	4811	14, 42	Jan. 15	Pursell, Francis M	4956	23, 28	Sept. 30
Graham, Robert T	4877	25, 25	Apr. 28	Powell, Albert J	4960	24, 17	Oct. 5
Gardiner, William A	4932	11, 11	Aug. 16	Pickleheimer, Moses	4982	25, 36	Nov. 13
Green, George W	4943	10, 10	Sept. 2	Pickleheimer, Vinc't S.	4976	8, 9	Nov. 12
Gould, Joseph W	4995	23, 24	Dec. 4	Redden, Belleville M	4853	21, 21	Mar. 24
Graham, William A	5004	20, 20	Dec. 16	Ray, Harry S	4922	8, 10	July 27
Hissem, Wilmot T	4818	8, 9	Jan. 29	Ross, Morgan S	4983	9, 15	Nov. 17
Holloway, Peter G	4858	15, 17	Apr. 2	Rowley, James H	5001	20, 39	Dec. 13
Hopkins, John C	4865	14, 7	Apr. 8	Rose, William F	5008	11, 14	Dec. 24
Hughes, George	4873	25, 31	Apr. 21	Shepard, James L	4814	25, 27	Jan. 22
Hopkins, Thomas J	4878	14, 17	Apr. 28	Schragg, Louis W	4815	14, 31	Jan. 23
Hissem, Martin L	4885	18, 18	May 14	Sullivan, John	4892	17, 39	June 4
Hall, William H	4936	24, 39	Aug. 24	Stroube, William	4906	15, 15	June 26
Handlan, Eugene Y	4962	21, 35	Oct. 7	Shaw, Ira H	4942	11, 11	Sept. 2
Hamilton, John J	4967	25, 43	Oct. 25	Stricker, W. O. B	4953	14, 38	Sept. 21
Horton, Horace M	4968	16, 17	Oct. 27	Sandford, James H	4972	20, 27	Nov. 4
Harrison, William H	4977	6, 31	Nov. 12	Seevers, John T	5002	10, 10	Dec. 13
Hooper, James	5003	7, 10	Dec. 16	Talbott, Ephriam	4823	25, 35	Feb. 6
Jolly, Oscar B	4824	20, 37	Feb. 8	Thomas, Jefferson	4843	24, 29	Mar. 8
Jackson, Thomas J	4970	11, 11	Oct. 29	Thomas, Charles H	4957	25, 37	Oct. 4
Kirker, William	4827	24, 22	Feb. 9	Trunnel, George W	4964	18, 22	Oct. 14
Kottmyer, Charles	4939	26, 31	Aug. 28	Williams, George I	4829	17, 17	Feb. 13
Kottmyer, Henry	4993	16, 16	Nov. 27	Whitten, Oscar D	4831	22, 41	Feb. 15
Lindenburn, Jacob	4836	14, 14	Feb. 25	Williamson, Edward S	4866	17, 34	Apr. 12
Lacey, Daniel M	4910	11, 11	July 2	Webb, Josiah W	4869	16, 17	Apr. 14
Mehldahl, Toney	4850	18, 20	Mar. 20	Woodburn, John	4881	25, 25	May 4
McCord, Joseph R	4862	15, 14	Apr. 6	Williams, Bradford S	4955	18, 18	Sept. 25
Mace, James E	4864	14, 31	Do.	Williamson, Ollie A	4987	6, 9	Nov. 19
Mullen, M. N	4868	14, 19	Apr. 13	Wright, Thomas C	4997	11, 13	Dec. 9
McCoy, William H	4871	19, 19	Apr. 16	Young, Benjamin F	4944	24, 23	Sept. 2

Pilots licensed during the year ended December 31, 1897—Cincinnati, Ohio.

First-class pilots.				*First-class pilots*—Continued.			
Akin, Rollin D	3224	5	July 20	Flesher, Charley T	3206	1	Feb. 23
Ahlers, George F	3234	10	Sept. 9	Fenton, William K	3241	1	Nov. 8
Andrews, George C	3235	2	Sept. 11	Grubbs, Isaac Willard.	3217	3	June 9
Blagg, Lee R., jr	3211	5	Apr. 26	Houze, Charles S	3210	5	Apr. 15
Brown, Harry	3219	6	June 18	Henderson, George W	3212	8	May 14
Brookbank, Edward	3240	1	Nov. 5	Helm, Morgan	3222	1	July 10
Clark, Jacob H	3205	2	Feb. 16	Hanes, Leander	3229	7	Aug. 13
Clark, Byron N	3209	27	Apr. 9	Houze, Stephen	3239	2	Nov. 2
Conner, Walter S	3213	16	May 26	Johnson, Irvin R	3207	10	Feb. 24
Cox, John	3214	9	June 3	Long, Arthur	3221	5	July 8
Conroy, William	3232	2	Aug. 25	Lindenburn, Henry	3238	2	Oct. 8
Carr, Winfield S	3237	6	Oct. 7	Lindenburn, John	3243	9	Nov. 20
Conner, Harvey S	3244	7	Dec. 4	Mitchell, Grant E	3228	9	Aug. 7
Colbert, William J	3246	1	Dec. 9	Morton, John D	3231	2	Aug. 18
Clark, John M	3248	1	Dec. 18	McMakin, Lawrence	3233	3	Aug. 28
Dameron, James M	3216	3	June 7	Mead, Harry C	3236	1	Sept. 20
Donley, William	3230	5	Aug. 17	Pryor, Michael Wood	3215	4	June 4
Ferrall, Edwin C	3202	8	Feb. 3	Rice, Doctor G	3201	5	Jan. 19

Pilots licensed—Cincinnati, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.				*First-class pilots*—Continued.			
Rigdon, Harry	3208	2	Mar. 3	Turner, George	3226	1	July 27
Scott, Joseph A. W	3204	4	Feb. 6	Taylor, Robert M	3242	7	Nov. 12
Shinkle, Russell G	3245	8	Dec. 7	Thompson, T. A	3249	8	Dec. 29
Theis, Walter A	3203	3	Feb. 4	Webb, Clayton H	3223	7	July 17
Thomas, August	3220	4	June 24	Weeks, John H	3227	1	Aug. 4
Thomas, William L	3225	9	July 26	West, Robert J	3247	1	Dec. 14

Joint pilots and engineers licensed during the year ended December 31, 1897—Cincinnati, Ohio.

Myers, Harvey	1203	7	Nov. 9	Tharp, Willis P	1202	4	Aug. 13
Meredith, Washington	1204	5	Nov. 13	Welsh, Pierce	1201	2	July 29

Engineers licensed during the year ended December 31, 1897—Cincinnati, Ohio.

Chief engineers.				*Chief engineers*—Continued.			
Alcorn, Edward M	10508	1	Jan. 25	Hord, Martin V	10608	25	Sept. 7
Arnold, Abraham L	10535	4	Apr. 3	Henry, George E	10610	14	Sept. 11
Andrews, Lee	10542	22	Apr. 8	Hunker, Jacob	10623	36	Oct. 21
Alexander, James W	10564	10	May 15	Harrie, Charles E	10624	14	Oct. 23
Allis, William	10644	15	Nov. 23	Howe, John H	10632	14	Nov. 10
Bateman, John M	10509	14	Jan. 26	Hardin, William M	10633	4	Nov. 12
Bailey, John A	10520	5	Mar. 6	Hutchinson, William F	10636	8	Nov. 16
Budd, William H	10522	9	Mar. 11	Haynes, Ulysses G	10637	8	Do.
Beare, William H	10556	27	May 4	Hense, Frederick	10639	27	Do.
Boring, Daniel Z	10571	25	June 1	Hall, John E	10643	20	Nov. 23
Brookbank, Edward	10576	11	June 5	Hall, John B	10651	26	Nov. 29
Baglan, Charles E	10619	1	Oct. 1	Howe, Henry L	10650	30	Nov. 27
Burns, John C	10627	1	Oct. 26	Howe, John A	10662	27	Dec. 24
Butler, George B	10638	16	Nov. 16	Johnston, George W. T.	10547	9	Apr. 20
Brown, George W	10657	30	Dec. 15	Jackman, John E	10550	27	Apr. 27
Corey, Charles E	10575	7	Feb. 20	Johns, Albert	10630	9	Nov. 8
Campbell, James H	10534	4	Apr. 2	Ketchum, George W	10505	39	Jan. 16
Cuppy, William	10558	9	May 4	Ketchum, Charles O	10507	22	Jan. 19
Cassel, F. M	10570	26	May 29	Krenzinger, Anthony	10512	19	Feb. 9
Crane, Charles C	10572	26	June 2	Klipp, Philip R	10517	10	Feb. 24
Conner, Newell W	10573	22	Do.	Keifer, George W	10523	5	Mar. 11
Crawford, Charles W	10602	15	Aug. 16	Ketchum, William B	10549	15	Apr. 23
Curtiss, Edward L	10612	4	Sept. 16	Kelly, Michael	10566	42	May 24
Collins, George S	10615	29	Sept. 27	Ketchum, Myers	10569	42	May 29
Conwell, Thomas E	10626	34	Oct. 26	Kennedy, John J	10607	42	Aug. 30
Christian, William H	10649	15	Nov. 26	Kamuf, Gustav A	10614	19	Sept. 25
Cochran, James T	10660	20	Dec. 23	Knopp, George N	10646	8	Nov. 26
Cruger, Frank	10661	22	Dec. 24	Little, James H	10577	5	June 21
De Hart, Wilson	10502	8	Jan. 9	Meredith, James H	10510	1	Feb. 1
Dean, George M	10554	16	May 1	McCoy, William H	10519	19	Mar. 2
Dameron, George W	10563	12	May 11	Marshall, Frank	10524	13	Mar. 12
Dickey, May M	10568	1	May 28	Meredith, Washington	10553	22	Apr. 29
Doty, Arthur W	10605	8	Aug. 18	Martin, John D	10562	9	May 10
Davis, William	10628	28	Nov. 3	Murphy, John B	10567	22	May 27
Dixon, John R	10634	2	Nov. 12	McKay, Arthur	10578	1	June 22
Dansberry, Edward N	10658	6	Dec. 15	Morton, John D	10606	24	Aug. 18
Elkins, Lorenzo D	10618	38	Sept. 29	Markley, Benjamin C	10609	17	Sept. 11
Ellis, Marshall	10625	5	Oct. 26	Maher, Timothy	10611	15	Sept. 13
Farmer, Nathan	10514	32	Feb. 19	McCain, Levi T	10631	1	Nov. 9
Fitzpatrick, J. Monroe	10561	8	May 7	Marshall, Charles J	10640	32	Nov. 16
Flesher, Davis K	10616	7	Sept. 28	Morgan, Edward	10647	23	Nov. 26
Gormley, John M	10518	26	Mar. 1	Martin, George B	10648	14	Do.
Greene, Frank M	10528	9	Mar. 18	McClannahan, Henry R	10652	23	Dec. 1
Green, George W	10629	8	Nov. 6	Mann, William	10653	5	Dec. 5
Gaugh, George W	10635	34	Nov. 13	Maddux, William	10641	36	Nov. 18
Handley, D. C	10504	12	Jan. 14	Maddux, Alexander S	10656	13	Dec. 13
Handley, Alonzo B	10511	14	Feb. 2	Nye, Buckingham C	10533	39	Apr. 1
Henry, Joseph	10521	20	Mar. 6	North, Edwin E	10544	17	Apr. 12
Holmes, Benjamin	10546	24	Apr. 19	Neal, Francis S	10603	27	Aug. 16
Haskins, James N	10555	10	May 1	Osterhouse, William E.	10545	15	Apr. 14
Hellings, Lewis H	10559	43	May 6	Pullem, William H	10526	5	Mar. 17
Hughes, Clarence T	10565	6	May 15	Reed, Harry E	10516	7	Feb. 23
Hall, Thomas J	10580	21	June 28	Reed, Asa S	10551	26	Apr. 27

Engineers licensed—Cincinnati, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Ridgely, Charles W	10621	27	Oct. 18
Seward, Oliver P	10501	11	Jan. 8
Shipley, Samuel T	10503	19	Jan. 14
Sherman, Nehemiah	10513	44	Feb. 17
Starcher, W. K	10543	14	Apr. 10
Senior, George	10552	44	Apr. 27
Spratt, Baylor	10560	2	May 7
Shahan, William H	10642	27	Nov. 23
Shannon, W. J	10654	34	Dec. 1
Topel, Henry	10617	16	Sept. 29
Underhill, William	10613	4	Sept. 20
Volk, Louis	10601	14	Aug. 7
Volk, William E	10659	11	Dec. 16
Wiley, John C	10506	11	Jan. 16
Wilson, John B	10525	5	Mar. 15
Wilson, John J	10527	40	Mar. 17
White, Blackburn	10532	22	Apr. 1
Wehrle, Joseph B	10536	6	Apr. 5
Wagner, Peter	10548	39	Apr. 22
Woodburn, John	10557	16	May 4
Winters, John F	10574	1	June 3
Waters, Arthur	10575	14	June 4
Ward, Albert E	10579	19	June 25
Walker, Robert A	10604	29	Aug. 16
Watson, Charles A	10620	23	Oct. 12
Weimer, Benjamin F	10645	21	Nov. 26
Wilson, John D	10655	12	Dec. 4
Zeigler, John L	10622	2	Oct. 20
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Armacost, Arthur	4525	5	May 22
Andrews, George C	4536	16	June 18
Andrews, Charles A	4539	7	June 21
Adkins, John	4559	16	Oct. 29
Ainsworth, Lewis	4563	9	Nov. 26
Boyce, Jasper N	4508	24	Jan. 16
Bristow, James W	4519	16	Apr. 7
Barrett, Nelson	4520	11	Apr. 15
Brown, Joseph E	4528	13	May 29
Campbelle, Benj. B	4537	6	June 19
Cue, Patrick	4569	17	Dec. 7
Gaugh, Oliver P	4501	28	Jan. 4
Gillaspie, Jesse B	4549	19	Aug. 28
Graham, Robert T	4554	25	Oct. 2
Graham, Benjamin C	4562	5	Nov. 22
Graham, Joseph E	4565	6	Nov. 29
Goodale, James F	4568	14	Nov. 30
Holcroft, John R	4545	20	July 30
Kelly, William G	4517	22	Apr. 7
Kirker, Benjamin M	4529	10	May 29
King, William H	4433	19	June 14
Kirker, Frank K	4570	8	Dec. 7
Mayo, H. Hunt	4502	11	Jan. 9
McMurchy, John B	4534	5	June 14
Matson, George H	4547	25	Aug. 23
Pennewitt, Henry W	4550	3	Sept. 8
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Schmidt, William B	4510	5	Feb. 4
Slover, William S	4511	12	Feb. 13
Short, Charles S	4517	13	Mar. 26
Sylvester, Charles S	4521	8	Apr. 27
Spurlock, Thomas B	4538	26	June 21
Senior, George, jr	4567	5	Nov. 30
Thomas, August	4540	16	June 24
Tyson, Oliver	4572	17	Dec. 10
Woodard, Frank H	4543	17	July 22
Whitten, E. Melvin	4566	19	Nov. 30
Woodburn, Louis H	4574	13	Dec. 18
Yost, William H	4541	9	July 2
First assistant engineers.			
Aiken, James L	4544	10	July 28
Ashford, William M	4552	12	Sept. 16
Akin, Robert C	4558	5	Oct. 23
Armacost, Clifford	4571	3	Dec. 9
Buck, Joseph R	4531	5	June 9
Cramer, Gustav A	4509	20	Feb. 2
Collier, Frank	4522	5	May 19
Dorsey, William R	4514	3	Feb. 27
Dixon, Charles	4551	1	Sept. 11
Fee, Richard H	4503	3	Jan. 9
Forsyth, Mayger J	4507	14	Jan. 15
Gardiner, William A	4546	7	Aug. 16
Graham, John R	4556	5	Oct. 12
Graham, William A	4573	24	Dec. 16
Hughes, Burton S	4512	6	Feb. 15
Hafer, Wesley	4522	2	May 15
Harris, Frank C	4532	7	June 9
Harger, George L	4560	5	Nov. 2
Hall, Edward	4575	14	Dec. 21
Johnston, Robert C	4513	5	Feb. 16
Jackson, John J	4555	23	Oct. 12
Kottmyer, Charles	4548	31	Aug. 28
Kottmyer, Louis	4553	7	Sept. 27
Kottmyer, Henry	4564	14	Nov. 27
Lyman, Benjamin F	4527	12	May 28
Linck, Frederick W	4557	2	Oct. 13
Long, Robert	4561	4	Nov. 18
Moore, William T	4504	15	Jan. 11
McNamara, Thomas J	4524	6	May 21
Meyers, George W	4535	3	June 16
Newkirk, Samuel L	4505	12	Jan. 13
Phillips, Charles W	4506	11	Do.
Pickleheimer, Vincent S	4526	5	May 24
Redmond, Perry	4515	6	Mar. 6
Robinson, James	4542	4	July 6
Theetge, Ira H	4516	11	Mar. 20
Special engineers.			
Beiser, Edward	2401	1	Apr. 10
Larrabee, J. E	2402	3	May 3
McCain, William	2404	4	Nov. 16
Roll, Harry G	2405	1	Dec. 12
Weeks, Addison	2403	1	Nov. 6

LOCAL DISTRICT OF PITTSBURG, PA.

Masters licensed during the year ended December 31, 1897—Pittsburg, Pa.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Agnew, Robert R	5162	5	Feb. 11	Hatheway, William S	13713	9	Dec. 15
Ammon, James B	5336	1	July 8	Jacobs, Adam	5194	11	Mar. 16
Bugher, Clarence S	5104	3	Jan. 2	Jones, Howard	5355	3	Aug. 3
Barton, Thomas L	5222	8	Apr. 6	Johnson, Thomas	12884	13	Nov. 29
Baker, Zachariah T	5298	6	June 11	Knox, Charles W	5280	14	May 24
Beck, John	5348	1	July 24	Kerr, Robert H	5303	13	June 12
Brannigan, John	5356	8	Aug. 9	Lindsey, John J	5120	1	Jan. 12
Boyd, Robert M	12840	23	Nov. 8	Lindsey, David	5139	1	Jan. 28
Cowan, Robert W	5167	20	Feb. 16	McClintock, Wm	5260	2	May 3
Calhoon, Thomas S	5257	25	May 1	Morris, Eugene C	5284	7	May 31
Campbell, Samuel R	5392	5	Sept. 27	Morgan, William A	5370	1	Aug. 24
Case, John T	12881	5	Nov. 27	Murry, Martin H	5393	5	Sept. 27
Davidson, V. A	5395	8	Sept. 28	Moren, James	5394	7	Do.
Davis, James E	5397	2	Sept. 29	McDonald, James	13721	5	Dec. 22
Fife, Alvin L	5224	1	Apr. 6	Neemes, Normell C	13705	9	Dec. 11
Flocker, John W	5346	5	July 10	O'Neil, John N	5197	5	Mar. 22
Hipple, Benjamin W	5145	4	Feb. 2	Rickey, William	5132	6	Jan. 19
Hoag, I. V., jr	5186	21	Mar. 8	Rees, Thomas M	12834	6	Nov. 6
Horner, Simpson R	5212	15	Mar. 31	Sowser, Henry	5215	4	Apr. 2
Harris, Foreman	5242	1	Apr. 16	Troy, William H	12866	17	Nov. 17
Hoffman, William	5281	16	May 26	Vandergrifth, Jas. M	5288	22	June 5
Hyatt, Frank	5325	5	July 1	Wishart, Nep. R	12862	13	Nov. 17
Hallet, John W	5354	3	Aug. 2				

Masters and pilots licensed during the year ended December 31, 1897—Pittsburg, Pa.

Augustine, James B	5122	20, 22	Jan. 14	Cowan, William	5258	4, 4	May 1
Ackard, Alby O	5124	14, 14	Jan. 15	Crawford, Laurence W	5268	2, 2	May 11
Abrams, Eli B	5172	16, 16	Feb. 22	Clark, Bentley J	5291	30, 30	June 7
Anshutz, Lee	5238	15, 16	Apr. 12	Clarke, Geo. W	5322	3, 5	June 29
Aultman, Levi	5255	23, 29	Apr. 29	Cock, Andrew C	5326	17, 16	July 2
Abrams, Robert R	5339	12, 13	July 12	Cavett, William L	5329	5, 6	July 3
Ackard, Thomas J	5398	13, 13	Sept. 30	Campbell, Bart S	5338	9, 9	July 10
Aultman, Matheias W	12841	26, 32	Nov. 9	Cavanaugh, Thomas	5350	1, 1	July 27
Anshutz, Phillip	12891	24, 35	Dec. 2	Cox, Michael A	5362	25, 30	Aug. 16
Burres, William	5101	13, 13	Jan. 2	Carlton, Harry C	12811	3, 4	Oct. 14
Baker, John W	5105	7, 7	Jan. 9	Crow, Andrew J	12843	26, 30	Nov. 10
Bailey, Charles M	5127	22, 30	Jan. 16	Chester, Miller	12849	9, 9	Nov. 13
Blair, Samuel	5140	18, 21	Jan. 29	Clark, Lewis N	12879	21, 21	Nov. 26
Boles, Louis A	5148	24, 24	Feb. 6	Chester, Lester P	12886	22, 32	Nov. 29
Brown, Harry	5163	11, 11	Feb. 11	Campbell, William F	12888	3, 3	Nov. 30
Britton, John	5184	17, 17	Mar. 8	Carroll, W. L	12895	16, 14	Dec. 6
Briggs, Joseph A	5185	23, 27	Mar. 12	Cavett, Thomas L	13704	6, 6	Dec. 10
Bowell, Frank J	5190	16, 16	Mar. 23	Curtis, Jason D	13709	9, 21	Dec. 14
Bickerstaff, James M	5199	21, 21	Apr. 3	Douds, William M	5106	15, 21	Jan. 4
Boles, Charles F	5216	13, 15	Apr. 10	Dougherty, Enoch	5111	6, 6	Jan. 6
Boles, William T	5235	7, 8	May 11	Dever, William E	5152	26, 26	Feb. 9
Brown, Thomas B	5269	13, 13	Do.	Douds, Ellery H	5158	7, 5	Do.
Baker, George A	5271	7, 7	May 13	Dippel, John	5180	19, 19	Mar. 1
Boland, Thomas	5272	12, 12	May 18	Dodds, Frank G	5207	3, 3	Mar. 27
Bolland, George	5316	9, 9	June 22	Dippold, John H	5219	25, 29	Apr. 5
Boles, Robert M	5321	26, 43	June 28	Donaldson, James M	5220	15, 15	Do.
Brown, Samuel S	5340	15, 15	July 12	Dippold, Frederick	5252	22, 33	Apr. 22
Beazell, James G	5390	3, 12	Sept. 23	Dippold, George S	5256	14, 17	Apr. 29
Brenneman, Park R	12818	13, 13	Oct. 22	Downey, Charles H. R	5328	6, 1	July 3
Bailie, Thomas W	12821	8, 8	Oct. 25	David, John M	5352	14, 18	Aug. 2
Beazell, Isaac R	12833	1, 1	Nov. 5	Donaldson, Stevenson	5371	19, 19	Aug. 26
Boyd, James I	12836	6, 6	Nov. 6	Demain, George C	5375	18, 18	Sept. 2
Black, Harry	12878	14, 14	Nov. 26	Drake, Leonidas	5378	2, 7	Sept. 11
Barrow, Frank A	12896	20, 32	Dec. 6	Dobbins, James	5383	13, 13	Sept. 20
Boli, Peter W	13708	18, 21	Dec. 13	Dawson, Scott R	12807	21, 30	Oct. 11
Carter, Samuel V	5114	19, 20	Jan. 7	Downing, William H	12812	3, 4	Oct. 14
Croockshanks, William	5118	17, 17	Jan. 11	Demain, Robert L	12823	20, 31	Oct. 26
Culp, Oliver	5151	23, 28	Feb. 8	Dippold, John M	12844	14, 14	Nov. 11
Conant, George W	5159	24, 35	Feb. 9	Douds, Oliver A	12854	26, 36	Nov. 16
Craig, Norman E	5161	9, 9	Feb. 10	Dunbarger, A. C	12869	21, 21	Nov. 23
Cooley, David M	5169	25, 32	Feb. 18	Donaldson, Hiram W	12872	15, 15	Nov. 24
Clow, Joseph A	5173	24, 27	Feb. 24	Douds, John H	12894	26, 25	Dec. 6
Crow, John F	5213	11, 11	Mar. 31	Davison, Edward, jr	13716	19, 19	Dec. 18
Carter, Wesley N. H	5232	25, 31	Apr. 9	Dunlevy, Thomas T	13717	14, 14	Dec. 20
Curley, Amos	5234	20, 35	Do.	Eckler, Alfred S	5109	2, 9	Jan. 5

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed—Pittsburg, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue
Elwood, Robert L	5160	12, 12	Feb. 10
Esplin, Charles	5165	16, 17	Feb. 13
Esplin, Burris E	5209	10, 13	Mar. 27
Elsey, Warren	5221	24, 24	Apr. 5
England, William C	5319	6, 7	June 25
Edie, Franklin J	5368	6, 15	Aug. 21
Eckler, Daniel	12860	21, 38	Nov. 17
Erwin, Samuel J	12864	25, 29	Do.
Fowkes, William	5136	9, 9	Jan. 23
Farrow, George G	5124	25, 31	Feb. 1
Fickes, William J	5177	7, 11	Feb. 25
Finn, Henry	5187	13, 13	Mar. 9
Frich, John L	5189	13, 16	Mar. 11
Flenniken, Frank	5201	20, 12	Mar. 24
French, Callie	5241	4, 9	Apr. 15
French, Augustus B	5253	12, 12	Apr. 22
Fawcett, William P	5275	7, 8	May 19
Faddis, John S	5318	3, 4	June 23
Fairfield, Harry W	5337	12, 12	July 10
Foreman, George B	5358	16, 16	Aug. 10
Fife, Benjamin	5364	12, 12	Aug. 17
Farrow, Charles K	12875	16, 21	Nov. 24
Ferguson, Alonzo C	12883	19, 30	Nov. 29
Fowler, Samuel S	12900	24, 25	Dec. 7
Flaherty, Thomas	13720	12, 12	Dec. 22
Graham, Joseph	5117	21, 30	Jan. 11
Gould, Albert J	5133	24, 26	Jan. 21
Grove, Frank C	5138	13, 13	Jan. 25
Glaser, Jacob	5141	25, 30	Jan. 30
Green, Mrs. Mary B	5171	1, 2	Feb. 19
Gould, Frank A	5176	18, 18	Feb. 24
Gee, Joseph L	5181	1, 1	Mar. 3
Gumbert, Jerry W	5283	1, 4	May 28
Gallagher, Hugh P	5304	11, 11	June 14
Golay, Philip	5311	15, 14	June 19
Grace, Jared M	5332	12, 12	July 7
Gilmore, Franklin	5333	26, 30	Do.
Gillis, Robert M	5343	11, 12	July 19
Gilmore, George W	5374	11, 16	Sept. 1
Greenlee, William M	5384	23, 28	Sept. 21
Gray, Arthur S	12892	2, 2	Oct. 4
Gibons, George W	12828	11, 15	Nov. 1
Graham, William R	12871	6, 9	Nov. 23
Garner, Charles H	12880	6, 6	Nov. 26
Gilleland, Alfred	12893	18, 23	Dec. 6
Greenlee, Robert W	12899	18, 38	Do.
Gould, Harry C	13707	13, 13	Dec. 13
Green, Gordon C	13715	10, 14	Dec. 17
Hoge, Frank	5108	2, 2	Jan. 5
Hays, Charles C	5112	16, 16	Jan. 6
Hendrickson, Joseph L	5116	25, 42	Jan. 8
Hays, John W	5128	14, 15	Jan. 18
Howder, George W	5131	25, 27	Jan. 19
Hudson, Thomas P	5157	4, 10	Feb. 9
Henderson, John S	5170	10, 9	Feb. 19
Hudson, Harlin P	5175	6, 7	Feb. 24
Henning, Frank H	5179	11, 11	Feb. 26
Hodgson, Henry M	5198	13, 13	Mar. 22
Harger, Holmes, sr	5210	26, 35	Mar. 29
Harper, James B	5226	16, 19	Apr. 8
Harger, Holmes, jr	5229	10, 13	Do.
Henderson, James M	5245	15, 36	Apr. 17
Hendrickson, Saml. W	5251	5, 8	Apr. 21
Higbee, John	5264	16, 16	May 8
Henning, William	5282	26, 32	May 27
Henning, George A	5305	17, 19	June 14
Hamilton, William F	5310	13, 18	June 19
Harrison, William E	5315	13, 13	June 22
Henning, Charles F	5317	17, 17	June 23
Hook, Charles	5330	7, 9	July 6
Hand, John S	5341	9, 9	July 14
Hays, James D	5360	24, 28	Aug. 13
Hamilton, Louis K	5373	8, 8	Aug. 26
Hamilton, John P	5376	20, 20	Sept. 7
Hays, James A	5391	6, 6	Sept. 23
Hudson, Thomas J	12819	7, 9	Oct. 22
Hester, Timothy	12832	14, 16	Nov. 3
Heflick, William T	12838	14, 16	Nov. 8
Hudson, James M	12846	11, 9	Nov. 12
Harper, Thomas	12855	24, 29	Nov. 16
Hoge, Thomas P	12870	7, 7	Nov. 23
Hulings, Edward J	13701	14, 12	Dec. 10
Johnson, Harve L	5166	1, 1	Feb. 16
Johnson, Robert	5168	9, 3	Feb. 17
Jackson, Gardiner	5218	19, 20	Apr. 5
Jones, Ulysses G	5223	12, 12	Apr. 6
Jones, Joseph W	5290	6, 8	June 7
Jordan, Edward	5359	15, 15	Aug. 12
Jones, John W	12804	10, 8	Oct. 6
Jenkins, Robert, jr	12817	12, 15	Oct. 18
Jenkins, George W	12820	10, 10	Oct. 23
Jones, Thaddens F	12848	9, 9	Nov. 13
Jameson, William F	13706	18, 18	Dec. 13
Keefer, Ludwick	5103	25, 27	Jan. 2
King, Stewart	5178	3, 3	Feb. 25
Kennedy, Brown L	5202	21, 32	Mar. 25
Kitchell, Joseph C	5208	15, 15	Mar. 27
Keller, David C	5248	15, 17	Apr. 20
Kiehl, Jacob F	5256	17, 19	May 10
Kelley, George A	5273	16, 16	May 18
Kilgore, William H	5274	11, 11	May 19
Kerr, John L	5344	14, 14	July 21
Knowles, Horace	5351	22, 33	July 31
Keefer, Isaac B	5361	18, 19	Aug. 14
Kennedy, Isaac L	12856	26, 26	Nov. 16
Kimling, William	12887	19, 19	Nov. 30
Kennedy, Albert E	13718	19, 19	Dec. 21
Lewis, Joel	5121	26, 30	Jan. 14
Lawney, William	5144	18, 13	Feb. 2
Loyd, William H	5243	1, 5	Apr. 16
atta, James H	5250	18, 18	Apr. 21
Lucus, John A	5259	23, 24	May 3
Lewellen, William	5262	10, 6	May 5
Leezer, Charles A	5286	8, 9	June 2
Lovert, Robert A	5295	2, 6	June 8
Lynch, Frederick P	5297	3, 4	June 11
Laughlin, George D	5345	24, 34	July 22
Longwell, David	5349	12, 19	July 26
Lighthill, Charles W	5381	14, 14	Sept. 14
Leezer, Samuel J	5385	5, 5	Sept. 21
Leonard, John E	12801	5, 5	Oct. 2
Long, George F	12809	12, 12	Oct. 12
Lawrence, Daniel	12824	8, 8	Oct. 26
Leezer, Hance D	12825	14, 15	Oct. 28
Linhart, Ernest E	12845	11, 11	Nov. 12
Lynch, Austin G	13714	17, 26	Dec. 16
Mehaffy, James A	5125	19, 26	Jan. 16
Merrington, Joseph	5130	11, 11	Jan. 19
Marsh, Grant	5143	25, 33	Feb. 2
McDonald, Joseph	5146	26, 34	Feb. 5
Morris, Alfred L	5153	16, 16	Feb. 9
McKean, Albinus J	5191	12, 8	Mar. 12
McIntyre, Daniel	5192	35, 36	Mar. 13
McDonald, Con J	5193	16, 15	Mar. 15
McDavid, John W	5214	4, 6	Apr. 1
McLaughlin, Edward A	5217	3, 5	Apr. 3
Morris, Frank	5236	15, 15	Apr. 12
Merrington, John H	5239	10, 10	Do.
McGuire, Harry	5240	3, 3	Apr. 14
McKee, John J	5246	8, 12	Apr. 19
McMichael, Alexander	5247	25, 26	Do.
McDonald, John O	5249	24, 24	Apr. 21
Mehaffey, Laurence A	5254	14, 14	Apr. 26
McDonald, William A	5267	13, 13	May 11
Manning, Robert J	5296	7, 7	June 10
Moore, Joseph L	5301	23, 23	June 12
McFeeters, James L	5327	25, 31	July 3
Menges, Charles J	5334	14, 14	July 7
McClure, James A	5335	16, 19	July 8
Milliken, Walter B	5365	14, 14	Aug. 18
McDonald, David A	5366	12, 12	Do.
Murphy, Thomas H	5387	19, 35	Sept. 22
McIntyre, John W	5388	25, 33	Do.
Moore, Andrew P	12810	18, 18	Oct 13
Menges, Jacob	12822	26, 33	Oct. 25
Moore, George W	12837	21, 30	Nov. 8
McDonald, Abram	12839	24, 39	Do.
Morris, Charles T	12850	21, 24	Nov. 15
McDonald, David A	12853	19, 31	Nov. 16
McDonald, Thomas J	12861	15, 31	Nov. 17
Morris, James H	12865	22, 26	Do.
McGinnes, William L	12873	21, 11	Nov. 24

Masters and pilots licensed—Pittsburg, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
McCaskey, Alfred	12885	20, 24	Nov. 29
Moore, William C	12891	26, 34	Dec. 2
Mackey, Albert R	13710	14, 19	Dec. 14
McLaughlin, John C	13719	12, 12	Dec. 21
McCleary, Thomas	13723	8, 10	Dec. 24
Nixon, John E	5372	8, 5	Aug. 26
Nutt, James	12835	14, 14	Nov. 6
Noss, Curtis C	12857	13, 18	Nov. 16
Oats, John	5323	13, 4	June 29
Oaks, William F	5377	9, 18	Sept. 11
Oaks, Robert S	12898	7, 14	Dec. 6
Paden, William W	5102	3, 13	Jan. 2
Poe, George W. E	5137	20, 30	Jan. 25
Parr, Andrew H	5196	23, 28	Mar. 22
Parr, William J	5204	23, 33	Mar. 25
Province, James S	5211	12, 12	Mar. 30
Phillips, John M	5228	9, 9	Apr. 8
Pollock, Finley	5230	22, 26	Apr. 9
Park, William W	5237	23, 24	Apr. 12
Phillips, Daniel	12815	17, 17	Oct. 16
Patterson, Thomas	12842	24, 35	Nov. 10
Packer, Sharpley M	13703	25, 34	Dec. 10
Routley, John	5113	18, 18	Jan. 7
Reno, John L	5147	25, 37	Feb. 6
Reno, Louis A	5149	22, 25	Do.
Richardson, John C	5150	25, 25	Do.
Reno, Samuel J	5155	21, 25	Feb. 9
Robinson, Oliver A	5174	17, 17	Feb. 24
Robison, Edger	5183	25, 28	Mar. 5
Ryan, James R	5205	1, 9	Mar. 26
Rose, Hezekiah	5206	18, 24	Mar. 27
Robb, Hiram H	5227	8, 15	Apr. 8
Reno, William R	5231	10, 20	Apr. 9
Reno, Myron W	5244	7, 8	Apr. 17
Rodgers, James A	5277	16, 16	May 22
Rodgers, Joseph H	5278	1, 1	Do.
Robbinson, Joseph	5289	7, 8	June 5
Russell, William	5294	25, 34	June 8
Robison, Orlando A	5312	5, 6	June 19
Rodgers, Forrest M	5313	6, 7	June 21
Ross, William	5314	19, 19	Do.
Ragen, Hiram P	5320	16, 22	June 26
Rhodes, William O	5347	8, 8	July 24
Reno, Alfred D., jr	5400	18, 28	Oct. 2
Risher, Charles B	12814	4, 4	Oct. 15
Reno, William D	12826	17, 29	Oct. 30
Robison, Robert B	12830	27, 32	Nov. 3
Robison, Alonzo S	12852	18, 19	Nov. 16
Reno, William S	12858	23, 32	Do.
Reno, Isaac L	12874	14, 14	Nov. 22
Robison, Alfred C	12889	21, 23	Dec. 4
Stanley, William	5107	7, 7	Jan. 5
Spencer, Samuel J	5110	23, 37	Jan. 6
Sebolt, Max	5119	13, 13	Jan. 12
Stewart, Charles S	5129	15, 19	Jan. 19
Stiddard, Isaac E	5134	8, 8	Jan. 21
Spencer, Cawood D	5135	15, 16	Do.
Swaney, Samuel D	5156	21, 22	Feb. 9
Seidell, Charles	5188	13, 13	Mar. 10
Smith, Thomas	5195	11, 15	Mar. 19
Shaw, Griffith W	5200	1, 1	Mar. 24
Stotler, Fiat	5225	8, 10	Apr. 7
Shumaker, Ed. R	5233	7, 8	Apr. 9
Swaney, Harry F	5261	5, 7	May 4
Sloan, Charles E	5263	16, 16	May 6
Smith, Albert	5265	12, 12	May 10
Scott, S. D	5300	10, 15	June 12
Stull, Calvin R	5306	11, 26	June 16
Stafford, John	5308	24, 35	June 18
Stobryenbach, John W	5355	15, 15	Aug. 2
Seaforth, August	5379	26, 36	Sept. 13
Sumner, Charles L	5382	5, 5	Sept. 16
Stanley, William	12803	8, 8	Oct. 5
Smith, George	12805	1, 1	Oct. 7
Shade, James	12806	26, 29	Oct. 9
Seidell, Henry K	12816	7, 7	Oct. 18
Samson, Walter C	12829	4, 8	Nov. 1
Speer, Louis M	12851	13, 13	Nov. 15
Shouse, James S	12859	21, 37	Nov. 16
Sandford, Thomas S	12867	25, 30	Nov. 18
Stockuale, Jackman T	12868	1, 1	Nov. 19
Stewart, George A	12876	6, 13	Nov. 26
Stockdale, Thomas	12877	15, 15	Do.
Shoaf, Peter	12892	17, 20	Dec. 4
Sylvis, Samuel	12897	17, 22	Dec. 6
Swogger, Jacob	13702	3, 3	Dec. 10
Stewart, William C	13711	9, 11	Dec. 14
Smith, Peter A	13722	22, 22	Dec. 22
Sutton, Will H	13725	7, 7	Dec. 30
Thomas, Fremont	5276	6, 17	May 21
Tappin, George	5285	15, 15	June 1
Thomas, George W	5292	15, 16	June 7
Trich, Thomas M	5293	9, 12	June 8
Tumeity, Frank	5309	16, 24	June 19
Trye, Isaac E	5331	3, 2	July 6
Thompson, George	5396	13, 15	Sept. 28
Thomas, George W	5399	16, 16	Oct. 1
Williams, James P	5115	15, 15	Jan. 7
White, James A. S	5123	3, 15	Jan. 14
Wood, Milton L	5126	26, 42	Jan. 16
Waltower, Joseph	5154	14, 12	Feb. 9
Woodward, James A	5164	25, 24	Feb. 12
Wood, John A	5182	6, 6	Mar. 5
Wood, William M	5203	6, 6	Mar. 25
Wood, William J	5270	17, 17	May 13
Wallace, George	5279	14, 14	May 22
White, William H	5287	6, 15	June 4
Ward, Andrew	5299	10, 6	June 11
Williams, Peter C	5302	11, 11	June 12
Wilkins, Henry D	5307	25, 30	June 18
Woodward, Daniel A	5324	17, 17	July 1
Wood, Jonathan H	5342	22, 22	July 15
Wall, James E	5357	65, 11	Aug. 10
Werling, John L	5363	2, 26	Aug. 17
West, Joseph A	5367	5, 5	Aug. 19
Williams, John T	5369	12, 12	Aug. 23
Williams, Louis R	5380	15, 15	Sept. 13
Wishart, Charles B	5386	26, 26	Sept. 22
Wall, Ulysses G	5389	4, 7	Do.
Wood, James O	12808	27, 30	Oct. 11
Whysall, Joseph	12813	20, 33	Oct. 15
Wolfe, Henry W	12827	19, 24	Nov. 1
Wilkins, Frank H	12831	1, 5	Nov. 3
Wood, John A	12847	21, 27	Nov. 13
Williams, William J	12863	13, 13	Nov. 17
Wood, George W	12882	7, 11	Nov. 27
Williams, Frank	13712	17, 23	Dec. 15
Williams, Isaac B	13724	6, 2	Dec. 27

Pilots licensed during the year ended December 31, 1897—Pittsburg, Pa.

First-class pilots.			
Bevington, John	3509	39	Jan. 21
Borykowski, Andrew	3512	6	Feb. 3
Bridges, Thomas B	3548	1	June 7
Britton, Will	3557	6	July 12
Bailey, Reade W	3570	3	Oct. 11
Conlter, William A	3501	4	Jan. 2
Calhoon, William A	3505	13	Jan. 9
Campbell, George W	3521	6	Mar. 19
First-class pilots—Continued.			
Crawford, Howard	3533	3	Apr. 22
Campbell, Francis M	3565	10	Aug. 21
Culp, Frank	3572	13	Oct. 18
Culp, Alva	3580	22	Nov. 17
Campbell, William E	3583	6	Dec. 6
Carr, John	3584	7	Dec. 13
Dippel, William H	3573	2	Oct. 25
Davis, William	3578	7	Nov. 15

Pilots licensed—Pittsburg, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Erwin, Fred	3517	3	Mar. 3
Eberhart, Robert F	3530	1	Apr. 19
Evans, Thomas	3574	34	Nov. 1
Foreman, Frank J	3504	1	Jan. 8
Fowler, Edwin V	3507	3	Jan. 20
Fleming, Leslie K	3539	1	Apr. 28
Gallatin, George W	3506	12	Jan. 16
Garner, Edward W	3534	4	Apr. 24
Gilmore, George	3549	3	June 16
Gano, Frank	3506	3	July 7
Gilmore, William N	3563	1	Aug. 16
Gordon, William	3579	33	Nov. 16
Hodgson, Lincoln	3528	4	Apr. 17
Hudson, Joseph N	3531	3	Apr. 21
Harger, Allen W	3554	3	June 28
Jones, Thomas M	3502	16	Jan. 2
Jones, James	3516	21	Feb. 26
Knoll, Henry	3520	6	Mar. 17
King, John E	3582	10	Dec. 3
Leonard, Harvey B	3535	4	Apr. 24
Linsay, Frank M	3559	8	July 21
Lockhart, George H	3576	3	Nov. 5
McLaughlin, James R	3527	6	Apr. 17
Muse, Homes J	3540	15	May 4
McClain, Joseph	3552	2	June 25
Martin, Thomas D	3555	7	July 1
Muller, William	3560	11	July 31
Morris, George S	3575	10	Nov. 2
Nutt, George S	3542	3	May 11
Price, Thomas B	3510	13	Jan. 21
Phillips, Samuel W	3511	4	Jan. 29
Pursell, Marion W	3523	1	Mar. 29
Price, Edwin A	3532	10	Apr. 21
Petrel, Mark	3541	15	May 6
Rogers, Harry M	3567	2	Sept. 20
Randolph, Dayton	3581	15	Nov. 29
First-class pilots—Continued.			
Snowden, Edward	3515	22	Feb. 26
Shook, Walter W	3544	5	May 15
Stinkel, Henry F	3566	4	Aug. 26
Smith, Charles A	3571	4	Oct. 18
Shetter, Elmer J	3585	12	Dec. 14
White, James W	3508	6	Jan. 21
Wolfendale, James R	3514	10	Feb. 8
Williams, Frank	3518	8	Mar. 3
Walker, Charles K	3586	2	Dec. 15
Special pilots.			
Ashbacher, John	3545	4	May 19
Bartruff, Frederick	3558	11	July 12
Clarke, George	3526	2	Apr. 8
Cummings, Thomas	3561	5	July 31
Flocker, J. W	3503	3	Jan. 2
Ford, Quincy E	3536	2	Apr. 26
Ford, J. O	3537	4	Do.
Goldsmith, August	3522	1	Mar. 23
Granger, John E	3547	3	June 1
Hodgdon, Chauncey	3568	5	Sept. 24
Jacobs, Martin R	3519	4	Mar. 15
Keefer, Daniel M	3525	2	Apr. 3
Kennedy, William M	3543	4	May 12
Keefer, Israel L	3577	3	Nov. 7
Lock, Adam	3529	1	Apr. 19
Lighthill, S. C	3551	3	June 24
Niman, William E	3564	3	Aug. 18
Patterson, James B	3513	1	Jan. 4
Paden, William W	3562	14	Aug. 7
Painter, Charles A	3569	6	Oct. 4
Sharp, John	3546	2	May 21
Stockdale, Jackman	3553	2	June 25
Voegtly, Nicholas A	3550	3	June 17
White, Marshall N	3538	5	Apr. 27

Joint pilots and engineers licensed during the year ended December 31, 1897—Pittsburg, Pa.

Cook, Will H	1301	4	Jan. 4
Cobbett, John E	3111	1	July 23
Griffith, John W	1309	1	July 9
Herbertson, Wm. H	1306	3	Apr. 20
Hipwell, Harry H	1308	3	May 19
Hubbard, Henry	1310	2	July 12
Jones, Howard	1307	5	May 19
Jones, William M. C	1317	8	Dec. 1
McVay, William P	1302	1	Jan. 7
McVay, Charles B	1316	7	Nov. 27
Phillips, Daniel	1303	3	Jan. 30
Rogers, Harry M	1304	4	Feb. 11
Rogers, George W	1305	2	Apr. 15
Rogers, Charles	1312	6	Aug. 13
Rogers, Charles G	1314	6	Aug. 31
Sheaneor, Frank C	1315	6	Nov. 27
Wittmer, William L	1313	1	Aug. 23

Engineers licensed during the year ended December 31, 1897—Pittsburg, Pa.

Chief engineers.			
Applegate, Richard	5402	18	Jan. 2
Anderson, Samuel Y	5406	12	Do.
Agy, John	5409	40	Jan. 4
Augustine, James B	5426	22	Jan. 14
Anshutz, George L	5444	39	Feb. 1
Aumiller, Benjamin H	5490	11	Mar. 22
Ackerson, Isaac	5499	35	Apr. 8
Atkinson, George H	5500	11	Do.
Allen, Albert G	5526	25	May 4
Ambrose, John H	5585	16	July 19
Aumiller, Elijah B	5644	21	Oct. 8
Batchelor, William S	5420	26	Jan. 9
Beazley, Charles F	5421	12	Jan. 11
Bell, Jefferson	5425	33	Jan. 13
Beer, Stewart	5460	34	Feb. 23
Batchelor, Joseph A	5462	10	Do.
Chief engineers—Continued.			
Barclay, John	5463	22	Feb. 24
Bridges, Harmon H	5472	13	Mar. 3
Bingham, Thomas	5480	21	Mar. 12
Betz, Romulus D	5489	16	Mar. 20
Bare, Alfred D	5513	25	Apr. 19
Ballard, Charles R	5518	12	Apr. 24
Beau, Andrew J	5521	31	May 1
Bosworth, William T	5564	14	June 28
Booth, John T	5565	11	Do.
Burns, John A	5569	15	July 6
Britton, William D	5574	9	July 7
Brawdy, Charles T	5579	18	July 14
Boyer, Samuel L	5592	21	July 31
Boland, Joseph	5593	15	Aug. 2
Barker, John M	5601	32	Aug. 12
Bower, John M	5603	12	Aug. 14

Engineers licensed—Pittsburg, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Boli, William C.	5628	18	Sept. 22
Burns, David	5639	19	Oct. 1
Ballard, Robert E	5645	40	Oct. 12
Bunner, Francis M	5649	22	Oct. 14
Bateman, Wesley	5663	33	Nov. 4
Boli, George C	5671	25	Nov. 12
Boobyer, Edward	5680	35	Nov. 17
Britton, George	13807	22	Dec. 20
Campbell, William F	5403	14	Jan. 2
Carvey, James C	5404	28	Do.
Clark, John B	5416	7	Jan. 5
Cooley, Frank M	5417	42	Do.
Cooper, Peter	5442	20	Jan. 27
Cordell, William	5456	17	Feb. 19
Collins, Charles W	5469	19	Feb. 25
Cavanaugh, John	5487	16	Mar. 18
Christ, George	5498	20	Apr. 8
Crabb, Henry M	5510	21	Apr. 17
Clawson, Jacob	5527	18	May 8
Cox, Charles L	5529	20	May 12
Cooper, Joseph McC	5537	12	May 24
Crabb, Charles E	5539	8	May 26
Campbell, Jacob	5561	18	June 23
Cock, Andrew C	5568	27	July 2
Clark, John R	5576	4	July 8
Cornell, Stephen F	5586	17	July 20
Cloherty, Martin	5606	12	Aug. 16
Crook, William	5610	4	Aug. 21
Cook, Harry	5612	16	Aug. 26
Cavett, John	5622	30	Sept. 16
Campbell, Samuel R	5623	22	Sept. 17
Cook, John A	5625	28	Sept. 20
Crook, Thomas W	5637	19	Sept. 30
Corey, Jesse K	5643	4	Oct. 4
Cook, Eli A	5652	38	Oct. 16
Clark, William H	5656	27	Oct. 25
Crabb, Elmer	5670	15	Nov. 11
Cowan, Robert W	5677	23	Nov. 16
Duvall, Isaac J	5413	17	Jan. 4
Datt, Washington J	5435	9	Jan. 23
Davis, Robert J	5443	11	Jan. 30
Demain, George C	5451	25	Feb. 11
Dowerman, Frank	5497	22	Apr. 7
Davis, William M	5501	12	Apr. 8
Davis, William F	5502	18	Do.
Downer, William S	5505	22	Apr. 15
Davidson, Samuel C	5517	8	Apr. 24
Daily, Charles E	5534	8	May 18
Dunberger, George F	5543	26	May 29
Dunn, Michael	5619	43	Sept. 2
Davis, John P	5629	27	Sept. 23
Davis, James E	5636	17	Sept. 29
Donovan, Thomas	5654	13	Oct. 19
Drum, Silas B	5667	21	Nov. 8
Downer, James F	5675	13	Nov. 15
Duffy, Thomas A	5676	41	Nov. 16
Dunn, B. L	13806	15	Dec. 18
English, John E	5407	26	Jan. 2
Evans, John	5418	30	Jan. 6
Eckels, Charles E	5447	24	Feb. 8
Engle, James H	5470	14	Feb. 25
Elliott, James E	5503	10	Apr. 9
Evans, Zach B	5511	16	Apr. 17
Eastwood, Henry T	5525	26	May 3
Eyster, Charles W	5528	19	May 10
Evans, James B	5554	37	June 16
Eshman, Daniel G	5602	4	Aug. 13
Edwards, Alfred O	5604	14	Aug. 16
Ecoff, Samuel	5660	14	Nov. 2
Forse, David	5411	35	Jan. 4
Fabian, Edwin R	5445	1	Feb. 2
Fitzsimmons, Robt. A	5471	33	Feb. 27
Fritz, George W	5473	13	Mar. 4
Fagan, John T	5519	17	Apr. 26
French, Sylvester A	5575	19	July 7
Flocker, John W	5588	7	July 23
Forse, Samuel B	13810	16	Dec. 21
Furnier, William L	13813	18	Dec. 28
Chief engineers—Continued.			
Golloway, Robert A	5408	16	Jan. 2
Gribble, Baird	5453	12	Feb. 17
Graham, James	5496	32	Apr. 6
Garwood, John M	5507	15	Apr. 15
Graham, William S	5515	36	Apr. 23
Golay, Phillip	5558	13	June 19
Griffith, John	5559	16	June 21
Gibbons, Samuel P	5573	25	July 7
Garred, Albert	5583	19	July 17
Gruber, Louis A	5599	24	Aug. 9
Gaskill, David A	5616	22	Sept. 1
Garwood, John	5617	17	Sept. 2
Gallagher, Hugh P	5630	6	Sept. 25
Green, George W	5647	7	Oct. 13
Glaser, Adam J	5659	12	Oct. 30
Gibbons, Henry	5679	37	Nov. 17
Golloway, James B	5696	32	Dec. 4
Ghrist, Arthur H	5698	7	Dec. 6
Herbertson, John C	5422	36	Jan. 11
Hooper, William H	5424	30	Jan. 13
Henry, James A	5449	21	Feb. 8
Hendrickson, Wm. F	5464	21	Feb. 24
Henry, Thomas J	5485	32	Mar. 15
Hardesty, Robert V	5486	21	Mar. 16
Hirt, William H	5488	19	Mar. 18
Hodgson, Henry M	5491	7	Mar. 22
Hilands, Charles A	5495	23	Apr. 1
Haught, Joseph M	5506	17	Apr. 15
Herbertson, George S	5516	2	Apr. 24
Hutchison, Samuel	5531	31	May 15
Hollingshead, Josiah	5551	13	June 12
Henderson, Charles W	5555	9	June 18
Hamilton, William F	5557	25	June 19
Hamilton, George W	5563	18	June 26
Hook, Charles	5571	20	July 6
Hamilton, Albert D	5589	16	July 23
Hamilton, George S	5618	29	Sept. 2
Harrison, George T	5621	12	Sept. 15
Hudepohl, Edward	5631	35	Sept. 25
Hill, Thomas K	13805	27	Dec. 14
Henning, John B	13811	32	Dec. 23
Irvin, Johnson	5467	41	Feb. 24
Irvin, Richard	5481	41	Mar. 13
Ing, James	5693	37	Nov. 30
Jobes, Melvin	5412	29	Jan. 4
Johnson, Walter	5430	26	Jan. 19
Jenkins, Frank A	5440	13	Jan. 25
Jester, William G	5632	6	Sept. 27
Johnson, Edward	5638	6	Oct. 1
Jackson, James A	5664	4	Nov. 5
Johnson, Robert	5683	20	Nov. 17
Kelley, Alonzo A	5423	29	Jan. 11
Kinsey, James M	5432	12	Jan. 19
Kraft, William B	5483	16	Mar. 13
Kidney, J. Will	5535	24	May 22
Kennedy, Frank L	5542	28	May 28
Kerr, Forsyth	5546	20	June 2
Kerr, Joseph J	5553	30	June 15
Kerr, James D	5633	23	Sept. 27
King, John M	5635	29	Sept. 28
Kimling, Albert	5672	7	Nov. 12
Knox, George	5690	22	Nov. 29
Kennedy, William H	5692	12	Nov. 30
Kunkle, George M	13804	8	Dec. 13
Lynch, John W	5410	28	Jan. 4
Longwell, James E	5432	10	Feb. 16
Lyon, George D	5523	11	May 1
Levitre, George W	5544	24	May 29
Longwell, David	5545	26	May 31
Leonard, Eli	5548	3, 2	June 9
Lambert, James O. C	5556	17	June 18
Livesy, James	5582	42	July 17
Lyon, Samuel	5591	38	July 28
Lambert, John	5598	32	Aug. 7
Lynch, William S	5661	8	Nov. 3
Litten, Abram L	5674	25	Nov. 15
Lenkard, John A	5691	17	Nov. 29
McCune, William H	5405	20	Jan. 2

Engineers licensed—Pittsburg, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Milligan, Frank	5414	12	Jan. 4
Marsh, William L	5437	17	Jan. 23
Merriman, William B	5438	31	Jan. 25
Moreland, James A	5441	41	Do.
McGuire, John L	5454	9	Feb. 18
McDongle, James A	5468	17	Feb. 25
McCann, William J	5477	8	Mar. 9
Murray, Joseph M	5484	7	Mar. 15
McCrory, John B	5492	41	Mar. 26
Miller, Louis H	5495	17	Apr. 5
Matter, John	5504	28	Apr. 12
Maratta, Benjamin F	5533	28	May 18
Miller, James M	5540	3	May 26
McCloskey, William E	5549	19	June 11
Massey, Martin	5550	30	June 12
McClintock, William	5577	34	July 12
Moore, Hugh D	5578	31	Do.
Michaels, Albert	5581	14	July 15
McKenna, Stephen	5584	31	July 19
Moore, George W	5600	10	Aug. 11
McKeage, Oliver K	5615	13	Aug. 31
McRoberts, Andrew	5624	32	Sept. 21
Miller, Sigmund	5655	22	Oct. 30
Marthens, Clemens B	5662	24	Nov. 4
Martin, Harry D	5668	6	Nov. 10
Metz, John	5684	17	Nov. 19
McGinness, William	5687	28	Nov. 24
Moore, William H	5688	14	Nov. 26
Miller, Henry C	5694	13	Dec. 1
Miller, Ross	13808	23	Dec. 20
McLaughlin, John C	13809	30	Dec. 21
Marthens, Harry	13812	22	Dec. 27
Napper, William	5429	9	Jan. 16
Nimon, William C	5461	28	Feb. 23
Nimon, William E	5609	32	Aug. 18
O'Donnell, Anthony	5596	41	Aug. 3
Oast, John W	5401	6	Jan. 2
Oakley, Albert G	13802	14	Dec. 10
Porter, Hugh T	5431	22	Jan. 19
Pender, Daniel	5424	31	Jan. 22
Powell, David	5446	24	Feb. 6
Powell, Mires	5465	18	Feb. 24
Parrish, Newton J	5482	22	Mar. 13
Paulk, Perry J	5532	4	May 17
Posey, Cumberland	5594	20	Aug. 2
Pfaff, Charles E	5607	6	Aug. 17
Pancoast, Robert	5611	4	Aug. 24
Pangburn, Isaac G	5627	13	Sept. 21
Penyard, John A	5650	7	Oct. 15
Provance, Theron S	5673	6	Nov. 15
Quigg, William	5685	13	Nov. 19
Reno, James F	5433	21	Jan. 21
Riggs, Ulysess K	5450	4	Feb. 10
Robison, Rolla L	5466	13	Feb. 27
Robison, Edgar	5474	22	Mar. 5
Richards, Frank	5476	16	Mar. 8
Robison, Orlando A	5493	5	Mar. 30
Reed, John F	5514	43	Apr. 19
Ross, John	5520	23	Apr. 30
Russell, William J	5522	14	May 1
Rodgers, James A	5536	21	May 22
Rogers, Stephen G	5538	20	May 25
Rodgers, Forrest M	5560	8	June 21
Ruth, William A	5562	20	June 25
Rees, James H	5587	21	July 21
Russell, James C	5658	22	Oct. 27
Ralph, Charles C	5665	31	Nov. 5
Ridgley, Thomas C	5669	31	Nov. 10
Stewart, David R	5419	22	Jan. 6
Stumpf, John	5428	22	Jan. 16
Smoot, William T	5436	1	Jan. 23
Shepler, Cassius R	5448	18	Feb. 8
Schaney, John	5457	33	Feb. 19
Stevens, Frank	5458	8	Feb. 20
Snowden, Edward	5439	43	Feb. 22
Shaw, Alexander H	5508	21	Apr. 15
Smith, George B	5509	24	Do.
Smith, John A	5524	14	May 1
Chief engineers—Continued.			
Shepler, Charles C	5530	18	May 13
Sutton, Will H	5541	7	May 26
Swerger, Frederick	5547	25	June 2
Shedden, William J	5552	39	June 14
Sloan, William P	5580	26	July 14
Short, James H	5590	6	July 28
Sutton, Philip W	5595	14	Aug. 14
Smith, Augustus R	5597	24	Aug. 4
Swoger, Thomas	5605	14	Aug. 16
Stephens, Albert J	5608	17	Aug. 17
Steel, Albert	5620	36	Sept. 9
Shepler, Charles M	5634	4	Sept. 27
Shallcross, Morris C	5640	17	Oct. 4
Snowden, John R	5646	12	Oct. 12
Shibler, George W	5648	8	Oct. 14
Schreiner, Henry L	5653	6	Oct. 19
Swinny, Ross B	5678	7	Nov. 16
Smith, James R	5682	29	Nov. 17
Sullivan, Richard L	5686	5	Nov. 22
Sill, Florence L	5689	21	Nov. 27
Shook, John	5695	11	Dec. 3
Shepler, Albert G	5697	29	Dec. 6
Stone, George P	5700	8	Dec. 7
Tarn, John	5415	14	Jan. 4
Thompson, Cyrenous	5455	25	Feb. 19
Thompson, Edward B	5475	26	Mar. 6
Tranter, William H	5478	30	Mar. 9
Torrence, Frank E	5572	5	July 6
Trich, John L	5479	14	Mar. 11
Troy, John W	5613	8	Aug. 26
Turner, Thomas Z	5657	22	Oct. 27
Underwood, Herbert M	13803	5	Dec. 10
Vaughn, Llewellyn	5567	17	June 29
Walker, Thomas W	5427	13	Jan. 16
Weaver, Samuel J	5439	19	Jan. 25
Woods, John F	5512	6	Apr. 17
Wilson, John W	5566	19	June 29
Wright, George A	5570	19	July 6
Wiley, James A	5614	16	Aug. 30
Wilson, Perry A	5626	12	Sept. 20
Williams, Peter C	5641	27	Oct. 4
Walkinshaw, Samuel L.	5642	15	Do.
Whysall, Joseph	5651	14	Oct. 15
Walton, James K. P	5666	26	Nov. 8
Wall, James B	5681	24	Nov. 17
Walker, Daniel F	13801	21	Dec. 10
Young, William S	5699	31	Dec. 6
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Bishop, Franklin B	4846	12	July 28
Cullen, William	4812	12	Feb. 8
Fulton, Robert L	4804	17	Jan. 13
Gruber, George	4801	10	Jan. 5
Garred, William J	4869	11	Oct. 12
Hartmus, Nicholas	4860	19	Sept. 18
Leonard, Benjamin D	4834	3	May 28
McCarthy, Charles F	4868	11	Oct. 9
Price, Clark	4848	7	Aug. 5
Paden, William W	4849	16	Aug. 7
Pruden, George W	4884	16	Dec. 6
Rice, Joseph D	4837	9	June 14
Skaggs, James R	4814	15	Feb. 22
Sullivan, Calvin P	4838	9	June 15
Sanforth, Charles J	4881	9	Nov. 16
Tomlinson, Harry H	4886	10	Dec. 7
Williams, Louis R	4858	9	Sept. 13
Assistant engineers.			
Addison, Joseph E	4810	4	Jan. 22
Allfree, Thomas P	4831	7	May 8
Allfree, Samuel	4843	4	July 12
Bunner, Francis A	4809	1	Jan. 22
Bretch, Edward E	4833	8	May 17

Engineers licensed—Pittsburg, Pa.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Assistant engineers—Continued.			
Bower, George R	4841	1	July 8
Barclay, Harry E	4865	4	Sept. 30
Cox, John	4816	3	Mar. 1
Cavett, Howard A	4817	2	Do.
Cooley, Wils L	4828	9	May 6
Caseber, Anderson	4835	2	June 5
Crawford, John S	4847	5	Aug. 4
Cavett, John B	4853	1	Aug. 27
Cooper, F. M	4854	3	Sept. 1
Cassiday, Lee D	4809	2	Sept. 16
Cooper, Lewis D	4879	3	Nov. 11
Conboy, John C	4889	13	Dec. 11
Donaldson, Robert	4857	4	Sept. 11
Davis, McClellan E	4885	3	Dec. 6
Edwards, William	4811	24	Feb. 6
Farrier, Samuel S	4802	14	Jan. 8
Ferry, Thornton	4803	14	Jan. 11
Fugate, Francis M	4829	9	May 7
Farrow, John W	4840	3	July 7
Faulkner, William	4855	12	Sept. 4
Flinn, Thomas A	4873	1	Oct. 19
Gumbert, Jerry W	4821	2	Apr. 15
Gordon, Henry	4827	18	May 6
Garred, George P	4832	15	May 15
Garrett, Henry	4867	13	Oct. 8
Gwynn, William E	4874	7	Oct. 27
Haught, Francis M	4820	2	Apr. 15
Herbertson, William H.	4822	7	Apr. 20
Hendrickson, Saml. W.	4864	8	Sept. 25
Hendrickson, Joseph L.	4887	4	Dec. 7
Henry, William A	4888	2	Dec. 9
Hill, David T	4895	15	Dec. 22
Kidney, Mordecai M	4862	1	Sept. 21
Kinsey, Benoni D	4892	5	Dec. 20
Kimling, William	4894	24	Dec. 21
King, Stewart	4896	5	Dec. 30
Lyon, Samuel C	4856	2	Sept. 8
Lasley, John W	4863	12	Sept. 23
Lightbody, William	4877	2	Nov. 10
Leseman, Christopher	4880	6	Nov. 11
McCaskey, Robert H	4813	15	Feb. 11
Mount, Humphrey	4823	3	Apr. 24
Muiler, William	4824	14	May 1
McLain, Robert F	4825	14	May 4
Molden, John	4826	2	Do.
Morgan, William H	4839	6	June 24
McDonald, James A	4842	7	July 10
Morgan, Milton	4851	1	Aug. 19
McLaughlin, Wm. W	4866	6	Oct. 6
McCloskey, John F	4870	2	Oct. 18
McCracken, Lyman H.	4871	3	Do.
Miller, Edward T	4872	7	Do.
Merriman, John W	4891	12	Dec. 18
Assistant engineers—Continued.			
Marsh, George A	4893	10	Dec. 20
Nichols, Robert W	4845	1	July 22
Robison, Oliver A	4805	12	Jan. 16
Reynolds, James	4878	1	Nov. 10
Robinson, George K	4883	10	Dec. 2
Stidard, Isaac E	4807	15	Jan. 21
Smith, Albert	4815	18	Feb. 25
Shute, Louis G	4818	5	Mar. 6
Stuart, Frank L	4830	1	May 7
Steck, Winfield	4836	14	June 8
Speer, Samuel P	4850	2	Aug. 17
Smith, William	4875	25	Oct. 27
Scott, Isaac N	4890	2	Dec. 11
Teasdale, Milton C	4806	12	Jan. 16
Wilson, John E	4808	14	Jan. 21
Watson, Mark M	4819	9	Mar. 25
Whisler, John H	4844	16	July 20
Whalen, Joseph	4852	12	Aug. 20
Watkins, John W	4861	15	Sept. 21
Williams, Evan R	4876	17	Nov. 6
Williams, William J	4882	18	Nov. 17
Special engineers.			
Bolland, George	2714	4	June 22
Bounds, Edward	2717	1	July 15
Cumming, Thomas	2718	4	July 31
Duvall, William H	2703	7	Mar. 5
Eberhart, Robert F	2708	1	Apr. 16
Ford, Quincy E	2709	3	Apr. 26
Goldstrohm, Augnst	2704	1	Mar. 23
Galbreath, Walter C	2705	4	Mar. 25
Gracey, William M	2716	1	July 8
Hodgdon, Chauncey W.	2723	2	Sept. 24
Kulle, James C	2726	2	Oct. 7
Leonard, Harvey B	2713	1	May 12
Lighthill, Sidney C	2715	4	June 24
Lewis, Elmer	2720	5	Aug. 19
Muller, John, jr	2706	7	Apr. 12
Murphy, Edward P	2707	1	Apr. 15
Mertz, Herman B	2712	1	May 4
McClain, Simeon	2721	7	Aug. 20
Price, Thomas B	2701	6	Jan. 18
Porter, James S	2711	3	May 1
Painter, Charles A	2719	1	Aug. 3
Painter, George E	2725	12	Oct. 4
Rogers, Harry M	2722	5	Sept. 20
Roberts, Thomas	2724	3	Sept. 28
Rogers, Charles G	2728	6	Nov. 9
Sheaneon, Frank C	2702	2	Feb. 6
Turner, Herman E	2727	8	Nov. 2
White, Marshall N	2710	5	Apr. 27

LOCAL DISTRICT OF GALLIPOLIS, OHIO.

Masters licensed during the year ended December 31, 1897—Gallipolis, Ohio.

Name.	No. of license.	No. of issue.*	Date of issue.
Armstrong, John A	10436	3	Feb. 12
Armstrong, Amos W	10600	1	Nov. 8
Bennett, Thomas	10443	1	Feb. 18
Brown, Albert H	10517	6	June 10
Birthisel, William	10520	17	June 17
Bay, Curtis B	10555	2	Aug. 19
Burdett, Miller	10586	7	Oct. 26
Brown, Major C	10593	4	Nov. 2
Barton, Oliver P	10595	7	Nov. 5
Capehart, John P	10451	14	Mar. 1
Curry, William D	10557	2	Aug. 20
Cross, Monroe	10569	3	Sept. 21
Davis, George W	10511	1	May 29
Donnally, J. Howard	10584	13	Oct. 25
Fandree, Joseph H	10431	3	Feb. 5
Fandree, Thomas L	10598	1	Nov. 6
Gaches, Ralph E	10558	4	Aug. 23
Hargis, James N	10407	6	Jan. 4
Hart, George J	10410	1	Jan. 6
Hayman, Wick W	10456	8	Mar. 10

* Number of issue of current grade and number of issues of all grades.

Masters licensed—Gallipolis, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No of license.	No. of issue.	Date of issue.
Hughes, William M	10528	7	June 28	Spencer, Perry F	10478	1	Apr. 3
Juhling, William	10449	4	Feb. 26	Smith, William P	10489	1	Apr. 19
Johnson, Jesse W	10530	7	July 2	Stone, Nicholas	10513	5	June 5
Jones, William J	10591	3	Nov. 1	Summers, John S	10516	6	June 9
Kirker, Edward C	10563	12	Sept. 10	Stone, John W	10587	3	Oct. 27
Kimble, William B	10588	1	Oct. 27	Thornburg, John	10447	23	Feb. 22
Miller, Harry N	10412	2	Jan. 8	Wright, James S	10413	6	Jan. 8
Marmet, Edwin	10440	1	Feb. 13	Woodward, Ed H	10429	2	Feb. 3
Morris, Major A	10442	7	Feb. 18	Wright, Gustavas A	10469	2	Mar. 20
McFarlin, William A	13408	19	Nov. 23	Wells, Joseph	10507	12	May 26
Rathbone, Samuel B., jr	13422	9	Dec. 9	Welton, Charles H	10525	13	June 25
Riel, John	13426	7	Dec. 20	Wires, Edgar L	10551	2	Aug. 6

Masters and pilots licensed during the year ended December 31, 1897—Gallipolis, Ohio.

Allen, Loren P	10441	16, 16	Feb. 17	Hanley, John C	10482	17, 25	Apr. 9
Aeiker, John E	10445	8, 8	Feb. 22	Haptonstall, James M	10500	7, 13	May 10
Adams, John	10526	12, 12	June 26	Hopkins, Homer W	10580	15, 17	Oct. 11
Allen, William J	10571	17, 17	Sept. 24	Hamilton, Samuel	10594	27, 32	Nov. 5
Allen, Lewis D	13424	16, 19	Dec. 18	Hamilton, Ralph L	13415	26, 25	Nov. 30
Beam, George W	10411	7, 7	Jan. 7	Jones, William T	10430	11, 11	Feb. 4
Banks, James A	10414	7, 7	Jan. 9	Johnson, Frank A	10437	6, 10	Feb. 12
Ball, Emory F	10416	4, 4	Jan. 11	Jack, William L. B	10457	1, 1	Mar. 11
Barrows, William A	10421	14, 16	Jan. 21	Jenkins, Gethen	13416	11, 11	Dec. 2
Buckner, Robert C	10433	5, 8	Feb. 6	Johnson, Edward	13425	25, 34	Dec. 18
Brown, Marlon E	10448	18, 17	Feb. 22	Keever, Joseph M	10417	14, 18	Jan. 11
Barrows, Isaac P	10454	11, 15	Mar. 8	Killin, George W	10474	20, 25	Mar. 27
Baxter, Zenas S	10462	22, 28	Mar. 13	Kouns, William H	10493	14, 14	Apr. 24
Brown, Martin L	10476	11, 12	Apr. 1	King, John F	13404	19, 17	Nov. 12
Barringer, Elisha	10479	22, 37	Apr. 5	Kirker, James M	13406	26, 19	Nov. 18
Bay, George W	10488	25, 30	Apr. 19	King, Kellie	13418	1, 1	Dec. 2
Brown, Melvin M	10494	25, 33	Apr. 26	Leavitt, Charles P	10538	23, 28	July 15
Beegle, George M	10521	1, 3	June 17	Lampton, John W	10577	14, 17	Oct. 5
Betts, Isaac J	10533	17, 14	July 5	Lallance, J. Frank	13403	19, 22	Nov. 10
Bayes, William H	10560	20, 40	Aug. 24	Murray, John F	10425	15, 15	Jan. 27
Bay, William	10562	24, 27	Sept. 8	Meek, Green	10472	11, 10	Mar. 27
Bumgardner, Heman F.	10568	14, 14	Sept. 21	Mace, Carlos A	10473	11, 8	Do.
Bryant, Joseph	10590	25, 34	Oct. 28	Magee, Augustus	10484	14, 22	Apr. 10
Burnside, Harry F	10592	4, 6	Nov. 1	Martin, John T	10485	17, 22	Apr. 14
Brown, Miles H	13402	24, 31	Nov. 9	Martin, William H	10486	9, 12	Do.
Ball, Albert L	13411	7, 7	Nov. 26	Martin, William O	10490	26, 37	Apr. 21
Brown, Manly B	13412	15, 15	Nov. 27	Martin, William F	10497	17, 17	Apr. 30
Buckner, Noah W	13417	1, 1	Dec. 2	Maddy, William A	10519	9, 11	June 14
Chester, George F	10419	13, 15	Jan. 16	Murray, George E	10524	15, 15	June 22
Capehart, Thomas J	10459	7, 10	Mar. 12	Martin, John A	10529	25, 30	July 1
Chambers, Albert	10506	10, 9	May 25	Maddy, Edwin F	10537	21, 21	July 14
Cariens, John C	10542	16, 18	July 23	McDowell, Thomas	10544	17, 24	July 28
Calvert, Ebenezer O	10547	12, 9	July 31	Martin, Thomas H	10545	13, 17	July 29
Crawford, Clayton L	10554	14, 14	Aug. 18	McCallister, A. J	10552	26, 31	Aug. 10
Colville, George E	10559	11, 13	Aug. 24	McBride, Joseph F. J	10561	16, 16	Sept. 7
Carr, Robert S	10567	14, 12	Sept. 17	Martin, John H	10570	13, 15	Sept. 21
Carrell, William J	13405	10, 24	Nov. 15	Martin, Charles C	10581	15, 15	Oct. 4
De Wolf, Samuel	10401	20, 30	Jan. 2	McGuffin, William B	10583	7, 7	Oct. 25
Davis, James K	10408	17, 17	Jan. 5	McElroy, William B	10599	13, 14	Nov. 8
Davidson, Wilson	10427	7, 26	Jan. 29	Miller, Daniel B	13401	22, 31	Nov. 9
Duling, Charles C	10439	3, 4	Feb. 13	Morris, Charles E	13409	8, 9	Nov. 24
Dickinson, Thomas	10460	14, 14	Mar. 12	McSorley, John	13413	10, 25	Nov. 29
Davidson, Jerry J	10514	11, 11	June 8	Norvell, William G	10471	13, 12	Mar. 25
Davidson, Thomas L	10522	25, 9	June 19	Owens, Robert W	10532	7, 12	July 5
De Wolf, Dor	10541	24, 26	July 23	Owens, Rhodes B	13414	12, 16	Nov. 29
De Wolf, Clark	10575	1, 1	Oct. 2	Preston, Daniel L	10406	7, 10	Jan. 2
Dotson, C. D	10576	4, 4	Oct. 4	Pope, Benjamin S	10415	6, 9	Jan. 11
Day, Alfred	10579	24, 24	Oct. 9	Price, John C	10422	14, 14	Jan. 22
Donnally, Andrew V	13419	22, 21	Dec. 2	Paden, William B	10424	10, 10	Jan. 25
Elkins, Silas R	10455	17, 22	Mar. 9	Park, William V	10461	12, 12	Mar. 12
Elkins, J. D	10492	9, 9	Apr. 22	Pope, Lewis	10499	23, 22	May 5
Edwards, John C	10502	26, 20	May 12	Prall, Charles J	10518	7, 17	June 12
Fox, Andrew T	10428	8, 9	Feb. 2	Pope, Elmer E	10539	5, 14	July 16
Fink, John L	10566	14, 13	Sept. 17	Parker, John H	10546	17, 17	July 30
Flesher, Isaac N	10589	18, 16	Oct. 27	Polsley, James M	10550	18, 19	July 31
Gardner, Charles E	10438	12, 12	Feb. 13	Patrick, William H	13407	13, 14	Nov. 18
Galliher, Siren	10503	5, 6	May 18	Patchell, Josephus	13423	17, 21	Dec. 15
Gregory, William F	10534	22, 40	July 8	Ruffner, John J	10418	19, 18	Jan. 16
Greenlee, Morris C	10573	19, 38	Oct. 2	Roush, Charles F	10434	14, 16	Feb. 9
Hamilton, George T	10403	19, 21	Jan. 2	Rodgers, John N	10463	13, 13	Mar. 15
Heritage, Firman	10404	17, 35	Do.	Rose, James S	10467	10, 10	Mar. 20
Hilton, Andrew B	10405	15, 15	Do.	Rathbone, William G	10487	12, 12	Apr. 17

Masters and pilots licensed—Gallipolis, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Redden, Harvey L	10498	19, 19	May 4
Rust, John F	10508	20, 20	May 26
Rankin, Vinton A	10510	12, 13	May 28
Rice, Lewis A	10543	19, 19	July 24
Ritchie, H. L	10548	12, 6	July 31
Roush, Hiram A	10549	4, 6	Do.
Rollins, Benjamin F	10564	3, 4	Sept. 11
Robinson, Jefferson D	10572	9, 10	Oct. 2
Riggs, Basil J	13421	11, 9	Dec. 8
Sayre, Adam H	10402	23, 32	Jan. 2
Sumpter, Joseph B	10409	12, 11	Jan. 5
Stalnaker, Asbery	10426	23, 23	Jan. 28
Strother, Manford R	10432	15, 17	Feb. 6
Stafford, Charles C	10435	11, 9	Feb. 9
Shepard, Eugene C	10465	7, 7	Mar. 18
Small, William P	10475	14, 14	Apr. 1
Shaw, J. Henry	10480	20, 20	Apr. 7
Small, Charles R	10496	14, 14	Apr. 30
Stout, David D	10512	26, 34	May 31
Stone, John	10527	16, 16	June 26
Smith, Sarah B	10531	3, 3	July 2
Sumpter, Simeon	10536	13, 13	July 12
Saunders, Thomas F. P	10540	20, 23	July 22
Spurlock, Francis M	10553	18, 26	Aug. 16
Sennett, Leonidas	10556	11, 11	Aug. 20
Summers, James H	10565	25, 35	Sept. 15
Suiter, Alexander T	10574	14, 18	Oct. 2
Smiley, William	10578	22, 21	Oct. 7
Suiter, Sanders S	10582	18, 19	Oct. 14
Stout, John D	10596	12, 12	Nov. 5
Stalnaker, Morgan	13410	18, 20	Nov. 24
Spencer, James H	13420	16, 15	Dec. 6
Thompson, William H	10420	14, 14	Jan. 19
Thacker, Walter E	10470	22, 26	Mar. 23
Taylor, James	10483	10, 10	Apr. 9
Thompson, N. B	10505	17, 20	May 18
Tyler, Hiram	10597	13, 18	Nov. 5
Vaughan, William P	10453	14, 20	Mar. 3
Vaughan, Rector	10504	19, 28	May 18
Varian, Elmer E	10535	14, 14	July 9
Varian, Charles H	10585	9, 12	Oct. 26
Wees, Elijah F	10423	6, 6	Jan. 22
Wright, James F	10444	6, 6	Feb. 18
Wright, James C	10446	16, 19	Feb. 22
Warner, Charles H	10450	14, 14	Mar. 1
Welch, John C	10452	24, 26	Mar. 2
Williamson, George	10458	18, 24	Mar. 12
Wheaton, John S	10464	7, 9	Mar. 17
Wright, James H	10466	25, 40	Mar. 19
Wright, James B	10468	17, 19	Mar. 20
Williamson, George M	10477	6, 10	Apr. 2
Wilson, Robert F	10481	17, 17	Apr. 9
Williamson, Aaron	10491	15, 31	Apr 22
Wright, Stapleton C	10495	22, 36	Apr. 26
Wilson, Alexander	10501	26, 32	May 10
Wright, George P	10509	24, 43	May 27
Windon, Samuel T	10515	12, 12	June 8
Wright, William A	10523	23, 30	June 22
Woods, Leander B	13427	13, 9	Dec. 23

Pilots licensed during the year ended December 31, 1897—Gallipolis, Ohio.

First-class pilots.			
Anderson, John L	3320	14	Mar. 15
Adkins, George W	3329	16	Apr. 16
Armstrong, Amos W	3354	1	Oct. 25
Brown, Albert H	3314	7	Feb. 11
Bowmaster, Harry	3333	6	Apr. 27
Borders, James E	3357	1	Oct. 29
Brown, Major C	3358	7	Nov. 2
Butler, Charles H	3365	2	Dec. 10
Butler, Joseph C	3367	2	Dec. 20
Barrows, Herman E	3370	8	Dec. 27
Calvert, Mills W	3348	4	Aug. 10
Curry, William D	3349	3	Aug. 20
Chapman, Charles H	3360	13	Nov. 15
Crawford, Ollie C	3369	2	Dec. 27
Dudding, Clarence	3307	8	Jan. 27
Davis, George W	3326	8	Apr. 12
Dooley, Alexander	3336	11	May 18
De Wolf, Harry D	3361	2	Dec. 1
Duncan, John M	3362	7	Do.
Fitch, John E	3313	11	Feb. 6
Gaches, Ralph E	3301	1	Jan. 5
Gay, Nathan, jr	3312	1	Feb. 5
Gebhart, Charles A	3363	2	Dec. 2
Hartley, David A	3318	8	Mar. 9
Hatcher, William L	3323	5	Mar. 20
Hughes, Jesse P	3342	1	June 8
Hooff, James M	3353	7	Oct. 15
Huff, Albern T	3364	2	Dec. 2
Johnson, Jesse W	3311	7	Feb. 5
Johnson, Walter H	3337	6	May 21
Johnson, William A	3343	6	June 28
Johnston, Samuel	3351	7	Sept. 21
Jolley, George H., jr	3352	7	Sept. 28
Lear, Louis H	3335	5	May 4
Martin, Albert R	3308	2	Jan. 28
Marmet, Edwin	3315	1	Feb. 13
Mahan, John G	3330	1	Apr. 19
Prather, William W	3305	8	Jan. 11
Phelps, William K	3317	7	Mar. 6
Preston, Scott	3319	6	Mar. 10
Preston, Shadrach W	3332	6	Apr. 27
Preston, Anderson D	3340	1	May 29
First-class pilots—Continued.			
Price, Calvin A	3346	1	July 21
Patchell, Daniel C	3347	4	July 23
Roush, Everett N	3350	4	Aug. 26
Summers, John S	3302	3	Jan. 7
Spears, George W	3304	7	Jan. 6
Saunders, Frank C	3316	2	Mar. 4
Stone, Nicholas	3341	4	June 5
Stone, Charles D	3344	15	July 15
Snyder, James H	3355	20	Oct. 25
Stone, John W	3356	17	Oct. 27
Summerfield, Chas. W	3366	5	Dec. 15
Voiers, Edward	3345	8	July 19
Wilson, Robert F	3303	1	Jan. 6
Williams, William L., jr	3306	3	Jan. 19
Wright, George A	3309	17	Jan. 30
Woodward, Ed H	3310	10	Feb. 3
Wilson, John V	3321	7	Mar. 17
Ward, William A	3322	5	Mar. 18
Wright, Gustavas A	3324	3	Mar. 20
Wright, Henry T	3325	13	Apr. 5
Wright, James S	3327	13	Apr. 13
Wright, Major A	3328	4	Apr. 15
Ward, Elias	3331	8	Apr. 22
Wright, John R	3334	11	Apr. 28
Wells, Joseph	3338	4	May 26
Wires, Edgar L	3339	11	May 29
Workman, Christopher C	3359	2	Nov. 5
Wright, Ren. L	3368	10	Dec. 22
Special pilots.			
Allen, Jesse A	3516	1	May 22
Abrams, Thomas J	3535	8	Dec. 18
Banks, John	3514	4	Apr. 28
Black, Russell	3529	2	Sept. 28
Caswell, William S	3510	1	Mar. 15
Cadot, Charles C	3518	12	June 21
Cross, Samuel	3522	12	July 15
Deem, Joseph	3512	1	Mar. 29
Eaton, Richard M	3517	2	May 27
Fandree, Burt	3502	10	Jan. 7

Pilots licensed—Gallipolis, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.				*Special pilots*—Cont'd.			
Forgey, Franklin	3506	8	Feb. 15	O'Keeff, Edward	3526	8	Aug. 9
Frampton, William E	3513	3	Apr. 19	Peck, Levi T	3532	2	Oct. 27
Farley, William P	3523	3	July 23	Rothgeb, Evan T	3524	2	July 29
Ginther, Philip	3503	3	Jan. 23	Suthers, Nicholas C	3504	2	Jan. 27
Guthrie, Robert W	3527	1	Sept. 13	Stalnaker, Calvin R	3509	5	Mar. 12
Gardner, Thomas J	3534	10	Nov. 12	Shutt, Peter	3515	25	May 4
Hull, Frank W	3531	8	Oct. 9	Smith, Ed B	3521	5	July 9
Jenkins, Harry V	3508	2	Mar. 9	Stone, James H	3530	10	Oct. 2
Johnson, Benjamin F	3519	2	June 23	Smith, George W	3533	6	Nov. 9
Lyons, Michael H	3507	10	Feb. 24	Vallance, John A	3520	3	July 6
McKisson, William A	3501	3	Jan. 2	Winn, George D	3511	2	Mar. 25
May, Melvin M	3505	1	Feb. 10	Zuhars, Warren T	3528	4	Sept. 15
Matthews, Charles L	3525	3	Aug. 3				

Joint pilots and engineers licensed during the year ended December 31, 1897—Gallipolis, Ohio.

West, A. W	2202	2	Mar. 1	Lawson, Thomas B	2203	1	Oct. 6

Engineers licensed during the year ended December 31, 1897—Gallipolis, Ohio.

Chief engineers.				*Chief engineers*—Continued.			
Alexander, George B	10709	19	Jan. 18	Jenkins, Henry C	12832	31	Nov. 29
Allis, Ira	10720	3	Feb. 12	Joseph, Edward	12834	12	Do.
Allen, Jesse A	10799	8	Aug. 25	Krautz, Adrain R	12801	37	Aug. 30
Allis, Hernando W	12839	31	Dec. 9	Kountz, Adrain R	12803	3	Sept. 3
Barrows, Millard	10719	22	Feb. 10	Lockhart, Albert M	10739	6	Mar. 24
Barrows, John R	10724	4	Feb. 19	Lasley, Harry A	10750	8	Apr. 10
Bryan, William M	10744	19	Apr. 2	Leftwich, James T	10783	24	July 9
Butler, Austin D	10757	5	May 6	Moore, Theodore	10706	18	Jan. 16
Barton, George R	10765	8	May 24	Martin, Fenton R	10713	9	Jan. 25
Barrows, Frank L	10738	5	Aug. 23	McCallister, James	10725	13	Feb. 18
Butler, Austin A	12806	1	Sept. 11	Martin, James L	10732	23	Mar. 10
Brammer, Felix E	12836	15	Dec. 1	Marshall, George C	10743	18	Mar. 30
Cooper, William R	10716	22	Feb. 6	Monks, W. H. H	10761	3	May 12
Carr, Plummer T	10717	24	Do.	Martin, Charles C	10763	36	May 20
Calloway, John	10722	18	Feb. 17	Mace, Elihu V	10776	37	June 22
Chambers, John	10729	12	Feb. 24	McDaniel, Charles A	10785	24	July 13
Capehart, John P., jr	10751	8	Apr. 13	Martin, Thomas W	10792	17	Aug. 3
Cadot Charles C	10772	12	June 21	Mason, Edward T	10794	13	Aug. 13
Cox, Jessie	10795	41	Aug. 14	Magee, Alexander W	12805	2	Sept. 8
Crawford, Clayton L	10797	24	Aug. 18	Martin, Sennitt D	12811	26	Sept. 18
Caswell, William S	12812	16	Sept. 24	Moore, James H	12815	7	Sept. 27
Cox, Robert T	12827	16	Nov. 9	Martin, George	12819	37	Oct. 30
Cross, John M	12843	6	Dec. 17	McAllister, Charles	12822	2	Nov. 5
De Wolf, Ethan A	10704	17	Jan. 9	Maines, Spicer	12826	18	Nov. 8
Dashner, Charles A	10738	31	Mar. 20	Mason, Marcellous C	12829	4	Nov. 17
Deem, Joseph	10769	1	June 8	Maines, Charles	12840	23	Dec. 9
De Long, John W	10786	3	July 14	Martin, McClelland	12844	3	Dec. 18
Davidson, James D	12817	36	Oct. 28	Nicholson, William	12821	22	Nov. 5
Eastwood, William R	10727	5	Feb. 22	Oliver, John C	10759	35	May 11
Elkins, James D	10752	11	Apr. 22	Owen, Frank L	10784	18	July 12
Elkins, Samuel R	10781	18	July 1	Osgood, Harvey S	12816	10	Oct. 28
Furguson, William W	10705	13	Jan. 9	Oliver, James D	12818	7	Oct. 29
Fortune, Thomas J	10737	27	Mar. 20	O'Brien, Michael J	12835	17	Nov. 30
Fink, John L	12810	7	Sept. 17	Pemberton, William F	10741	24	Mar. 27
Gardner, Charles E	10721	13	Feb. 13	Pemberton, James H	10758	13	May 27
Galliher, Siren	10762	12	May 18	Patton, William M	10768	7	June 5
Gordon, John W	10775	11	June 22	Price, Calvin A	10779	25	June 29
Grayum, John F	10777	23	June 28	Phillips, David	10791	4	Aug. 2
Gay, Henry	10778	19	June 29	Price, John O	12802	26	Sept. 2
Hutchison, James L	10728	22	Feb. 22	Polsley, James M	12813	13	Sept. 25
Hamilton, Ralph L	10748	24	Apr. 7	Rice, Hiram	10712	21	Jan. 25
Hull, Francis W	10764	13	May 20	Russell, James O	10740	11	Mar. 25
Hamilton, James T	10789	28	July 26	Rightmire, Samuel B	10766	25	May 24
Hutchinson, George W	12804	23	Sept. 8	Russell, David	10793	19	Aug. 13
Hoops, Isaac	12833	12	Nov. 29	Roup, Francis M	12842	32	Dec. 16
Hull, Oliver J	12841	17	Dec. 11	Smith, Eugene E	10702	1	Jan. 2
Jones, William T	10714	18	Feb. 4	Sutherland, James	10703	24	Do.
Jolley, George H	10730	10	Mar. 5	Smith, Alber E	10710	12	Jan. 19
Johnson, Joseph C	10733	2	Mar. 12	Sowerain, Francis R	10715	13	Feb. 5
Johnson, William	12824	33	Nov. 5	Smith, Furman	10731	29	Mar. 8

Engineers licensed—Gallipolis, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Smith, William P	10736	15	Mar. 19
Stone, John T	10742	28	Mar. 30
Stephens, James S	10746	40	Apr. 7
Summers, Franklin E	10747	43	Do.
Shibler, Sherman	10753	7	Apr. 26
Shutt, Peter	10756	29	May 4
Smith, William W	10770	21	June 14
Schoonover, Jacob F	10771	13	June 17
Sutherland, William	10774	14	June 22
Sennett, John	10782	24	July 9
Summers, James A	10788	31	July 23
Soupene, A	10796	14	Aug. 18
Simms, David R	10800	38	Aug. 27
Stone, John W	12808	7	Sept. 13
Sutherland, James R	12809	8	Sept. 15
Sennett, John	12825	24	Nov. 8
Smith, George W	12828	8	Nov. 9
Stone, Charles D	12830	7	Nov. 18
Simons, Jacob	12838	13	Dec. 6
Sloan, John W	12845	8	Dec. 20
Thornilley, Willis A	10708	4	Jan. 18
Taylor, Elijah J	10749	1	Apr. 9
Taylor, James J	10755	14	Apr. 29
Tyler, Hiram	12823	29	Nov. 5
Ward, J. P	10701	15	Jan. 2
Williamson, Richard	10707	20	Jan. 16
Wilson, Hiram	10711	6	Jan. 19
Webb, William F	10718	24	Feb. 9
White, Andrew	10723	5	Feb. 19
Wright, Edward B	10726	7	Do.
Watson, Charles H	10734	26	Mar. 15
Wilson, John V	10735	5	Mar. 17
Ward, William W	10745	1	Apr. 3
Wires, James W	10754	1	Apr. 27
Wright, John M	10760	20	May 15
Wilson, James	10767	25	May 31
Ward, James W	10780	18	July 1
Ward, James R	10787	44	July 17
Williamson, William H	10790	22	July 26
Walker, Andrew J	12807	4	Sept. 13
Williams, Charles W	12814	17	Sept. 27
Watson, John	12820	29	Nov. 5
Ware, Samuel D	12831	15	Nov. 25
Ward, Clarence W	12837	35	Dec. 3
Zeise, Peter F	10773	16	Jan. 21
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Aeiker, John E	4604	3	Jan. 4
Allis, Walter R	4659	4	July 28
Bradshaw, William A	4612	12	Feb. 17
Bailey, Harvey D	4645	26	May 14
Burnside, Harry F	4646	4	May 20
Black, Russell	4672	2	Sept. 28
Bryson, L. T	4675	9	Sept. 30
Bowers, Charles F	4676	15	Oct. 4
Brittingham, Elijah	4699	11	Dec. 14
Chester, George F	4674	4	Sept. 28
Cross, Samuel	4683	8	Nov. 1
Curry, Charles R	4687	20	Nov. 9
Davis, Clarence L	4635	12	Apr. 14
Davis, John F	4677	2	Oct. 6
Fandree, Burt	4610	3	Feb. 13
Flesher, William F	4639	16	Apr. 26
Gilpin, Joseph B	4632	16	Apr. 12
Hudson, Harvey H	4625	12	Mar. 22
Jackson, George W. C	4647	14	May 22
Keeff, John J	4605	13	Jan. 7
Kahne, William	4684	15	Nov. 5
Kirker, James M	4689	12	Nov. 18
Lyons, Michael H	4614	5	Feb. 24
Lawhon, Charles H	4667	21	Sept. 3
Meek, Zephaniah, jr	4601	1	Jan. 2
Chief engineers—Continued.			
Martin, William T	4630	4	Apr. 7
Oliver, Thomas	4690	4	Nov. 20
Petty, Joseph H	4669	7	Sept. 7
Rhodes, Joshua	4613	26	Feb. 17
Rodgers, John N	4622	18	Mar. 15
Ramsey, William	4626	24	Mar. 24
Smith, Callihill	4603	17	Jan. 2
Smith, William C	4606	1	Jan. 7
Sayre, William F	4617	5	Mar. 10
Summerfield, Lewis H	4624	16	Mar. 19
Snyder, Charles W	4631	8	Apr. 9
Sumpter, Simeon	4656	15	July 12
Sennett, Leonidas	4664	14	Aug. 20
Smith, Ed B	4682	1	Oct. 30
Savage, Pleasant M	4698	11	Dec. 9
Taylor, Henry	4629	4	Apr. 5
Uitnahmer, Charles F	4678	3	Oct. 9
Walker, William F	4633	1	Apr. 13
Waterman, Frank	4696	1	Dec. 8
First assistant engineers.			
Abrams, Thomas J	4636	1	Apr. 15
Adkins, Thomas E	4697	1	Dec. 8
Brooks, Maurice C	4611	13	Feb. 15
Bryan, William T	4641	1	Apr. 28
Bowman, Amos N	4643	1	May 3
Butler, Austin A	4653	3	June 25
Brown, Charles L	4658	11	July 26
Brooker, Jacob	4685	1	Nov. 5
Bartlett, Elmer M	4686	2	Nov. 8
Capehart, Edgar L	4623	3	Mar. 18
Fugate, Samuel C	4662	18	Aug. 9
Fry, Henry K	4663	3	Do.
Grant, Frank	4607	8	Jan. 25
Gibson, Richard	4615	1	Feb. 24
Gardner, Thomas J	4621	26	Mar. 13
Goodall, John F	4638	1	Apr. 22
Harris, James D	4618	5	Mar. 10
Hickman, Samuel L	4673	1	Sept. 28
Johnson, James M	4642	1	Apr. 30
Johnson, James	4652	19	June 5
Lockhart, John R	4688	2	Nov. 12
Manley, Isaac T	4616	12	Mar. 5
Martin, Walter B	4627	3	Mar. 24
McCardel, John W	4660	2	July 31
Provo, Hod	4691	4	Nov. 23
Rodgers, George W	4608	10	Jan. 30
Reynolds, John P	4649	13	May 25
Randall, James	4668	3	Sept. 7
Ronp, Horace M	4694	6	Nov. 26
Ralph, Ellery P	4695	10	Dec. 2
Shahan, William A	4609	1	Feb. 3
Sloan, James N	4634	1	Apr. 13
Shannon, William R	4637	2	Apr. 17
Shibler, David O	4640	7	Apr. 27
Starcher, William E	4648	1	May 24
Sample, Aaron C	4650	1	May 27
Stone, James H	4655	8	July 9
Suiter, Ernest B	4657	1	July 13
Smith, John M	4661	3	Aug. 2
Sutherland, John M	4666	3	Aug. 27
Summers, John S	4671	3	Sept. 24
Smith, Charles W	4681	5	Oct. 25
Wilson, Emeret	4644	4	May 6
Wright, George	4654	7	June 28
Special engineers.			
Bandy, John T	4602	1	Jan. 2
Bailey, James A	4651	3	June 3
Banks, James A	4693	2	Nov. 24
Clayton, Abraham L	4680	2	Oct. 16
Chapman, Charles H	2502	2	Nov. 15
Callohan, Eugene	9301	13	Dec. 18

Pilots licensed—Gallipolis, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special Engineers—Continued.				*Special Engineers*—Continued.			
Huffman, Thomas	4670	16	Sept. 15	Parker, Edgar C	4665	19	Aug. 25
Kouns, Charles F	4682	2	Nov. 23	Rule, James	4619	12	Mar. 11
Losee, Stephen G	4700	15	Dec. 17	Stalnaker, Calvin R	4620	5	Mar. 12
McKesson, William	4628	6	Mar. 30	Smith, M. H	2501	1	May 3
Oliver, Frank	4679	8	Oct. 13				

LOCAL DISTRICT OF WHEELING, W. VA.

Masters licensed during the year ended December 31, 1897—Wheeling, W. Va.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Atkinson, Howard	10603	5	Jan. 6	Krier, John P	10628	13	May 4
Berry, George E	10612	4	Feb. 22	Martin, Thomas J	10677	3	Oct. 14
Beaver, John	10622	5	Apr. 3	Moreland, Richard	10681	9	Oct. 28
Ball, Thomas J	10668	7	Sept. 6	Rice, John W	10651	3	July 2
Frame, Thomas J	10657	10	July 28	Sullivan, Martin	10669	1	Sept. 7
Goodwin, William M	10615	2	Mar. 9	Urpman, George H	10637	3	May 25
Hyer, John A	10633	5	May 19	Voegtly, Jacob A	10631	6	May 11
Hunter, Thomas	10686	18	Nov. 18				

Masters and pilots licensed during the year ended December 31, 1897—Wheeling, W. Va.

Armstrong, William H	10623	5, 5	Apr. 9	Kimple, Frederick, jr	10607	20, 18	Dec. 24
Alexander, Joseph B	10634	16, 27	May 19	Litten, Samuel W	10604	13, 19	Jan. 9
Baker, John M	10607	7, 7	June 20	Lowderback, George B	10666	7, 10	Aug. 23
Brookhart, Jacob H	10616	16, 20	Mar. 11	Lieving, Charles	10671	21, 28	Sept. 10
Berry, Brady M	10619	2, 3	Mar. 26	Lowther, M. R	10693	5, 5	Dec. 9
Bartlett, Elmer M	10620	6, 12	Mar. 29	McDonald, James W	10610	10, 11	Feb. 20
Berry, George M	10635	23, 28	May 21	Moore, Thomas	10613	15, 35	Feb. 27
Baker, Oliver John	10659	16, 20	July 29	Morgan, S. Brady	10614	24, 28	Mar. 8
Booth, Asael B	10683	18, 24	Nov. 16	McLaughlin, Aaron	10643	21, 43	June 9
Booth, John K	10685	25, 25	Nov. 17	Muhleman, John G	10645	13, 23	June 17
Cilles, Casper G	10609	16, 18	Feb. 15	McLaughlin, Milton C	10673	15, 32	Sept. 25
Coss, Frank	10617	22, 28	Mar. 15	McDonald, James	10676	23, 43	Oct. 8
Caswell, Nathan S	10625	19, 19	Apr. 15	Monteith, Andrew J	10687	18, 18	Nov. 20
Conn, George H	10655	13, 13	July 21	Martin, James R	10694	24, 24	Dec. 10
Cramer, Lanphier	10658	25, 26	July 28	Moore, Thomas V	10695	20, 20	Do.
Cramer, Herbert E	10675	3, 6	Oct. 6	Nicholas, Edward	10646	2, 3	June 23
Cline, Elbert	10688	16, 18	Nov. 20	O'Neale, George E	10663	19, 40	Aug. 7
Cody, Ralph A	10690	2, 3	Nov. 27	Oakes, William	10682	25, 28	Nov. 8
Duffy, William J	10605	2, 3	Jan. 15	Postlethwait, Walter A	10640	9, 10	June 3
Davis, Charles	10624	9, 7	Apr. 10	Price, Newton	10667	6, 10	Aug. 24
Davis, Samuel W	10636	20, 27	May 25	Patterson, James	10680	12, 13	Oct. 28
Davis, Stephen D	10670	22, 25	Sept. 8	Penwell, Tim S	10696	8, 9	Dec. 22
Davis, Michael B	10689	12, 12	Nov. 24	Richardson, William W	10642	19, 23	June 9
Everett, Adam A	10684	23, 37	Nov. 16	Rowley, James H., jr	10649	8, 15	June 26
Eckier, John S	10691	17, 25	Nov. 29	Rowland, Charles W	10652	8, 14	July 10
Goucher, Charles	10621	10, 10	Apr. 3	Rathbone, Samuel B	10665	15, 15	Aug. 21
Gamble, J. Mack	10638	13, 3	May 27	Roe, William E	10674	10, 9	Oct. 2
Gatts, James H	10648	21, 29	June 24	Schnauffer, William T	10608	12, 12	Feb. 9
Green, Cleremont C	10660	14, 16	Aug. 3	Sims, Winfield S	10618	12, 18	Mar. 26
Goodwin, Benjamin F	10664	24, 36	Aug. 13	Sprague, Stephen G	10629	12, 16	May 6
Hutchison, James L	10611	17, 17	Feb. 22	Swaney, Thomas R	10653	13, 12	July 10
Hutchison, John A	10630	16, 16	May 10	Shane, Alexander T	10654	3, 3	July 13
Haney, Henry	10639	18, 35	May 28	Smith, Calvin C	10662	14, 31	Aug. 7
Hanes, John H	10644	8, 5	June 12	Sims, Edward	10692	13, 16	Dec. 1
Heatherington, W. S	10656	13, 18	July 24	Travis, Henry J	10626	3, 2	Apr. 20
Hall, Benjamin F	10672	24, 42	Sept. 10	Thomas, Thaddeus S	10632	16, 29	May 11
Hoffman, Joseph	10678	21, 22	Oct. 15	Thomas, Everett A	10641	16, 21	June 5
Inglebright, Levi W	10606	24, 26	Jan. 18	Webster, Edmund W	10627	9, 9	Apr. 24
King, Joshua R	10601	22, 21	Jan. 1	Wiley, Thomas H	10650	21, 21	July 1
Kraft, Henry R	10602	7, 10	Jan. 2	Webster, Oscar	10661	3, 6	Aug. 5
King, James K	10647	16, 16	June 24	West, W. Ed	10679	11, 14	Oct. 23

*Number of issue of current grade and number of issues of all grades.

Pilots licensed during the year ended December 31, 1897—Wheeling, W. Va.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.				*First-class pilots—Continued.*			
Aken, Charles T	3409	9	Mar. 2	Travis, Edgar A	3423	11	July 14
Anderson, Robert	3419	10	July 6	Vennum, Benjamin F	3401	14	Jan. 4
Atkinson, Mathew	3421	21	July 12	Weldon, William T	3405	7	Jan. 30
Baker, William A	3429	10	Sept. 28	Wolfe, Ira D	3410	3	Mar. 26
Brooks, Samuel J	3430	6	Sept. 29	Wolfe, Christian, sr	3427	18	Aug. 26
Barritt, John W	3439	5	Nov. 29	Williamson, Theodore O	3434	6	Nov. 16
Cross, Monroe	3408	13	Feb. 25	Wolfe, George F	3436	6	Nov. 19
Daugherty, Patsey	3403	11	Jan. 18	Wells, William H	3440	12	Dec. 8
Daily, Charles	3443	11	Dec. 22				
Griffin, William G	3413	7	Apr. 6	*Second-class pilots.*			
Godby, George W	3432	3	Nov. 6				
Grizzell, William C	3435	3	Nov. 19	Armstrong, Walter A	3623	2	Dec. 16
Hazlerigg, John W	3414	19	Apr. 7	Benson, Harvey S	3605	5	Apr. 15
Hendershot, David	3437	23	Nov. 20	Brooks, John W	3606	1	Apr. 20
Hape, Fred	3442	5	Dec. 22	Brandon, James H	3608	9	May 3
Lockhart, William E	3428	3	Sept. 20	Browning, Joseph M	3618	10	Oct. 14
McCreary, Ora	3402	4	Jan. 6	Davis, William F	3602	1	Feb. 25
McDonald, D. Murry	3407	3	Feb. 22	Dimmit, Benjamin	3604	6	Mar. 31
Morgan, John H	3412	10	Mar. 26	Daily, George	3613	10	June 28
Morrison, Samuel W	3417	4	Apr. 26	Dunning, Joseph O	3615	11	Aug. 3
Martin, John A	3425	12	July 19	Glover, Sherman	3619	4	Oct. 19
McCann, Moses	3426	6	Aug. 19	Hambleton, Charles F	3609	7	May 25
Murphy, James H	3441	3	Dec. 17	Hanes, Nathen	3612	17	June 25
Ollom, William H	3433	24	Nov. 6	Harman, Benjamine F	3622	8	Dec. 2
Pussey, Elwood F	3418	14	Apr. 28	Linton, Richard	3611	13	June 18
Rider, John W	3415	15	Apr. 7	Morgan, George E	3614	2	July 29
Roe, Henry C	3431	7	Oct. 2	Mackey, William	3617	14	Aug. 28
Smith, Hiram W	3406	14	Feb. 16	Martin, Ward B	3621	2	Nov. 6
Shouse, Wilson Allen	3411	6	Mar. 26	Ralston, Joseph A	3620	4	Oct. 20
Swaney, Charles T	3420	6	July 8	Shuster, Samuel	3607	8	Apr. 23
Stetson, James L	3422	6	July 12	Stephens, Samuel J	3610	1	June 14
Skaggs, George T	3424	5	July 15	Williamson, Saml. W	3601	5	Jan. 6
Swaney, Edward A	3438	4	Nov. 24	White, James B	3603	6	Mar. 2
Talbott, Ezbia W	3404	1	Jan. 27	Wade, Alexander	3616	6	Aug. 17
Travis, Irvin	3416	21	Apr. 22				

Joint pilots and engineers licensed during the year ended December 31, 1897—Wheeling, W. Va.

Arkle, Joseph M	1251	1	Apr. 21	Reviere, F. V	1254	3	Aug. 14
Hunter, Vally	1253	2	Aug. 12	Wheat, Edward P	1252	3	Aug. 10
Printz, Samuel W	1255	3	Nov. 22				

Engineers licensed during the year ended December 31, 1897—Wheeling, W. Va.

Chief engineers.				*Chief engineers—Continued.*			
Athey, Noah W	10826	16	Apr. 27	Hanes, John H	10814	28	Mar. 15
Brooks, Samuel J	10842	15	July 17	Hall, James M	10816	38	Mar., 27
Bell, Theodore	10844	22	Aug. 5	Hazlerigg, John W	10820	17	Apr. 7
Beisser, Michael	10848	19	Aug. 28	Higgs, Cyrus	10824	28	Apr. 23
Browning, Joseph M	10864	17	Oct. 14	Higgs, William	10828	5	Apr. 30
Bunch, Robert	10869	31	Nov. 11	Higgs, Edgar E	10831	4	May 8
Berry, George E	10873	9	Nov. 16	Hull, William H	10832	17	May 11
Cook, John F	10808	18	Feb. 17	Horner, Augustine	10833	8	May 13
Calhoon, John C	10810	31	Feb. 19	Hahn, Andrew J	10856	24	Sept. 25
Caswell, Nathan S	10823	23	Apr. 15	Hardy, Charles E	10872	2	Nov. 16
Calhoon, Adam R	10825	14	Apr. 27	Junkins, William	10819	9	Apr. 6
Chamberlain, James N	10827	43	Apr. 28	Kinnaird, Sardis R	10822	24	Apr. 14
Cutler, John J	10841	6	July 13	Krier, John P	10829	20	Apr. 30
Cobb, George T	10859	38	Oct. 6	King, James K	10838	7	June 24
Cobb, George W	10860	22	Do.	Kinnaird, James W	10870	29	Nov. 13
Davis, William	10806	34	Jan. 22	Kette, Frederick C	10877	21	Dec. 2
Dunbarger, Charles W	10839	13	June 26	Linton, Richard	10837	10	June 18
Davis, Lewis P	10851	23	Sept. 8	Lester, Marcus	10847	22	Aug. 20
Dunbar, Washington P	10862	39	Oct. 8	Lockhart, Joseph	10853	14	Sept. 14
Dempster, William	10865	11	Oct. 26	Liniger, John K	10875	19	Nov. 29
Fitch, Robert A	10868	24	Nov. 8	Le Baron, George	10878	28	Dec. 3
Gorden, Frank S	10858	1	Oct. 5	Marks, Edward	10811	25	Mar. 6
Hubbard, Wilson	10801	13	Jan. 4	McClure, John T	10812	18	Mar. 9

Engineers licensed—Wheeling, W. Va.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
McCoy, Abner	10836	22	May 26
Muhleman, Louis	10843	23	July 26
Moore, Charles S	10847	14	Aug. 17
Miller, Wesley F	10857	12	Oct. 4
McCann, Moses	10874	20	Nov. 20
McKinstry, Charles	10876	31	Nov. 30
Mechem, William H	10881	18	Dec. 10
Meglick, Jacob	10882	20	Dec. 20
Muhleman, John J	10883	22	Dec. 21
Neff, Abner	10830	15	May 6
Printz, Samuel W	10893	4	Jan. 6
Pusey, Elwood F	10817	3	Mar. 31
Priest, Mathew	10849	21	Sept. 4
Risen, James	10805	5	Jan. 13
Reed, Alonzo	10813	27	Mar. 13
Ragor, Samuel	10815	19	Mar. 18
Rea, Frank	10854	14	Sept. 25
Rodgers, Samuel	10863	19	Oct. 14
Russell, John	10871	16	Nov. 15
Shallcross, Henry C	10835	15	May 25
Swaney, Thomas R	10840	13	July 10
Seybold, Peter	10866	26	Oct. 27
Seybold, John	10867	38	Nov. 5
Thomas, Charles G	10821	19	Apr. 13
Travis, Henry J	10861	19	Oct. 8
Webster, Oscar	10802	19	Jan. 5
Webster, Walter B	10804	8	Jan. 7
White, Andrew	10807	24	Feb. 4
Wood, Robert E	10809	2	Feb. 17
Whitney, William L	10818	21	Apr. 1
Wood, Silas L	10834	29	May 20
Webster, Edmund W	10845	15	Aug. 17
Wincher, Charles F	10850	26	Sept. 4
Waddle, Charles I	10852	14	Sept. 9
Watson, William A	10855	21	Sept. 25
Wilson, James A	10879	25	Dec. 6
Wells, William H	10880	13	Dec. 8
Ward, Stephen Ed	10884	10	Dec. 21
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Anderson, Charles	4724	10	May 15
Abrigg, Samuel F	4745	9	Nov. 4
Brandon, James H	4740	8	Oct. 20
Cox, James A	4703	6	Jan. 8
Dunning, Joseph O	4732	8	Aug. 3
Ewers, David	4738	13	Oct. 6
Hambleton, Charles F	4710	6	Mar. 2
Hanes, Nathan	4728	12	June 25
Hunt, William	4748	10	Nov. 26
Hutchison, John A	4750	8	Nov. 30
Inglebright, George O	4715	3	Apr. 10
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Jackson, Albert	4749	9	Nov. 27
King, Joshua R	4701	12	Jan. 2
Keran, George M	4751	7	Dec. 2
Liniger, Charles L	4752	14	Dec. 3
Milby, William	4705	9	Jan. 13
Martin, John A	4720	5	Apr. 20
Murray, Alonzo	4736	12	Aug. 17
Muhleman, Fred L	4746	11	Nov. 20
Merrill, Otis	4747	7	Nov. 24
Neville, Jason	4717	16	Apr. 15
Page, Charles A	4730	6	July 5
Rider, John W	4713	23	Apr. 7
Smith, Henry S	4722	17	Apr. 29
Swaney, Edward A	4726	9	June 14
Wolfe, Christian, jr	4702	11	Jan. 4
Walters, George T	4712	10	Mar. 23
Williamson, James L	4716	3	Apr. 15
Wolfe, Christian, sr	4737	13	Aug. 26
Wolfe, George F	4743	9	Oct. 29
First assistant engineers.			
Clawson, Harry	4709	1	Feb. 25
Cline, James F	4711	11	Mar. 9
Calhoon, William L	4721	9	Apr. 27
Coe, Clyde M	4725	2	May 24
Chamberlin, Norwood M.	4744	5	Nov. 1
Dutro, David	4718	16	Apr. 16
Dutro, Martin	4729	1	July 2
Gordon, Frank S	4707	2	Jan. 28
Greenlee, Winfield S	4735	14	Aug. 9
Hanes, James	4753	4	Dec. 7
Musgrave, Frank	4704	4	Jan. 9
Miller, Frank	4719	13	Apr. 19
McCoy, John	4731	7	July 30
Musgrave, Edward	4741	3	Oct. 26
Moreland, Richard	4742	3	Oct. 28
Nesperly, Samuel	4706	23	Jan. 27
Phillips, John L	4708	4	Feb. 10
Price, George K	4727	5	June 24
Pettit, Joseph L	4734	7	Aug. 7
Petty, Charles F	4739	6	Oct. 16
Roush, John Q	4733	9	Aug. 5
Scott, Austin B	4723	5	May 7
Wallan, Jesse	4714	1	Apr. 8
Special engineers.			
Anderson, George L	2602	2	May 13
Mahon, Edward L	2601	2	Feb. 25
McKnight, John	2603	2	July 10
Whitaker, George L	2604	7	Aug. 24

EIGHTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF DETROIT, MICH.

Masters and pilots licensed during the year ended December 31, 1897—Detroit, Mich.

Name.	No. of license.	No. of issue.	Date of issue.
Ashley, Edward G	5439	6	Mar. 24
Allen, Albert G	5458	20	Apr. 2
Andrews, John	5556	10	May 12
Alford, Heman	5569	10	May 26
Atkinson, Gustav E	5585	8	June 12
Alford, B. H	5596	19	June 19
Ashman, Samuel H	5615	21	July 15
Aldrich, Alanson G	5628	20	Aug. 2
Berlin, Henry	5401	8	Jan. 2
Bain, Archibald G	5427	8	Mar. 16
Brown, John C	5433	15	Mar. 20
Bailey, Robert N	5438	12	Mar. 23
Bassett, Peter C	5462	26	Apr. 3
Blair, Nelson	5466	7	Apr. 5
Brown, David J	5486	12	Apr. 12
Burke, Enos J	5493	9	Apr. 13
Burns, George C	5496	5	Do.
Byers, John C	5517	17	Apr. 19
Barry, Daniel	5520	16	Apr. 21
Best, George	5536	11	May 1
Brooks, Clifford C	5537	8	Do.
Baker, John	5543	10	May 4
Beauvais, James	5554	12	May 11
Burns, John C	5555	21	May 12
Baker, Harris W	5561	9	May 18
Baker, Burton S	5581	10	June 10
Bryant, Daniel H	5594	24	June 18
Bates, William A	5635	14	Aug. 11
Brady, Thomas J	5661	12	Sept. 11
Bryce, George W	5665	27	Sept. 18
Barrett, Maurice	5669	26	Sept. 21
Belfour, Colin C	5693	20	Nov. 23
Chilson, Edgar D	5405	11	Jan. 28
Cunningham, John	5410	9	Feb. 13
Carey, Lewis J	5416	14	Mar. 2
Callam, Alexander C	5419	10	Mar. 10
Cadotte, Frank J	5421	7	Mar. 11
Christy, Martin	5428	7	Mar. 17
Cole, Benjamin	5435	14	Mar. 22
Clifford, Alexander	5464	6	Apr. 3
Cottrell, Walter M	5472	17	Apr. 7
Chamberlin, Calvin H	5484	27	Apr. 12
Canniff, Patrick J	5500	15	Apr. 14
Cook, Jasper W	5504	11	Apr. 15
Covelle, John	5513	7	Apr. 17
Chamberlain, Brown C	5518	19	Apr. 20
Currie, Shepard H	5519	31	Do.
Comer, William E	5568	32	May 26
Cattanach, Alexander	5590	21	June 15
Carney, Thomas	5602	16	June 24
Carey, John C	5604	24	June 25
Corbin, Eugene H	5608	21	July 1
Clark, E. N	5625	14	July 31
Curran, Thomas	5629	8	Aug. 3
Clancy, Richard	5633	12	Aug. 9
Clinton, A. P	5647	25	Aug. 26
Canniff, James	5649	16	Aug. 27
Cequin, Louis	5668	21	Sept. 20
Crawford, Charles B	5676	27	Oct. 11
Campbell, Walter E	5682	20	Oct. 20
Cartwright, Wilson N	5689	18	Nov. 5
Cruickshank, George	5694	20	Dec. 11
Deustaedt, John J., jr	5409	9	Feb. 12
Darrington, John	5423	12	Mar. 15
Davis, Edgar A	5425	9	Mar. 16
Dewey, J. N	5431	10	Mar. 20
Dennis, George M	5463	8	Apr. 3
Doner, John	5501	28	Apr. 14
Donovan, Joseph S	5505	11	Apr. 15
Duncanson, Donald J	5506	15	Apr. 16
Desana, John	5547	18	May 8
Deeg, William G	5579	9	June 8
Dwyer, William J	5589	15	June 14
Dewey, Joseph B	5592	14	June 16
Danger, Frank H	5607	27	June 28
Driffill, William	5618	18	July 23
Dubay, Clement	5622	30	July 29
Doyle, Timothy W	5626	19	July 31
Dale, Fredrick R	5653	10	Aug. 31
Dale, Hugh C	5667	11	Sept. 18
Donohue, Edward J	5678	16	Oct. 12
Doville, David F	5683	7	Oct. 22
Eade, Alfred	5442	8	Mar. 24
Elliott, Lewis	5497	12	Apr. 14
Estell, Hiram	5612	15	July 14
Fraser, James	5448	12	Mar. 26
Ferguson, Robert E	5535	27	Apr. 28
Fox, Arthur J	5538	23	May 3
Forrest, Albert H	5550	8	May 10
Finlayson, Ralph	5574	12	June 2
Forrest, Frederick	5578	15	June 7
Forcer, Lawrence	5582	11	June 11
Foster, James	5588	20	June 14
Foster, Thomas	5591	34	June 16
Firby, William	5600	21	June 22
Foster, John	5611	10	July 13
Fitzsimmons, Thomas	5614	17	July 15
Ferry, Henry M	5631	7	Aug. 4
Finlayson, Kenneth	5645	26	Aug. 25
Fitzgerald, Michael	5684	30	Oct. 23
Gleason, John F	5418	12	Mar. 6
Girardin, David	5455	30	Apr. 1
Gurney, Anthony	5499	22	Apr. 14
Gatfield, E. C	5503	27	Apr. 15
Gotham, James E	5601	11	June 24
Gonyaw, Nelson	5641	5	Aug. 19
Gonyaw, Emery	5651	19	Aug. 28
Gotham, Myron W	5659	17	Sept. 9
Humphrey, Moses W	5404	17	Jan. 20
Huntoon, Albert J	5406	23	Feb. 2
Henrich, Frank	5411	9	Feb. 17
Hoffman, William H	5412	5	Feb. 23
Horn, George D	5414	18	Feb. 24
Hyde, M.	5452	23	Mar. 31
Howard, Frank H	5454	14	Apr. 1
Haight, Charles M	5468	8	Apr. 5
Hutton, John T	5491	17	Apr. 13
Hayes, James	5510	9	Apr. 16
Hagan, Hugh J	5524	8	Apr. 22
Huntoon, Fred A	5525	11	Apr. 24
Holbrook, T. H	5530	29	Apr. 27
Hickmott, Herbert H	5542	9	May 4
Hart, Fred C	5551	13	May 10
Hill, Spencer	5583	10	June 11
Hochrath, John B	5599	7	June 21
Hackett, Ralph H	5637	14	Aug. 12
Hale, George W	5654	13	Aug. 31
Hoffman, William	5656	17	Sept. 1
Herbert, Fred	5658	13	Sept. 9
Hindle, Samuel R	5685	15	Oct. 25
Hayward, Eugene	5690	11	Nov. 8
Ivers, John H	5422	26	Mar. 13

Masters and pilots licensed—Detroit, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Innes, James R	5481	26	Apr. 10
Irvine, William A	5502	16	Apr. 15
Iler, Walter	5531	8	Apr. 27
Jagenow, William	5429	12	Mar. 18
Johnson, Nat W	5432	5	Mar. 20
Jones, James M., jr	5461	9	Apr. 2
Jeffrey, James	5470	9	Apr. 7
Jeffrey, Henry	5476	14	Apr. 9
July, Edward	5509	22	Apr. 16
Johnston, Wilson	5558	13	May 13
Jarmin, James F	5559	14	May 17
Jarrait, Charles	5623	19	July 30
Kelly, Daniel	5437	16	Mar. 23
Kirby, Dennis	5477	13	Apr. 9
Kirchner, Adolph W	5492	5	Apr. 13
Kennedy, James	5527	16	Apr. 24
Kean, Michael	5540	15	May 3
King, William	5593	16	June 17
Ketchum, Stephen L	5616	11	July 21
King, George	5677	25	Oct. 12
Lyons, James B	5413	7	Feb. 23
Laughway, Octivo	5426	10	Mar. 16
Leonard, Hiram B	5444	9	Mar. 25
Lohr, Edward	5446	10	Mar. 26
Lemay, Timese	5459	13	Apr. 2
Lacroix, Gilbert	5473	22	Apr. 7
Leonard, John	5490	28	Apr. 13
Laframboise, James	5514	16	Apr. 19
Lightbody, Mathew	5545	18	May 5
Lynn, Daniel R	5565	13	May 24
Lockhart, Adelbert O	5580	7	June 9
Lemonde, Elie	5584	14	June 12
Leonard, Henry H	5660	15	Sept. 9
Lepire, Frank	5671	9	Sept. 23
McMaugh, James	5407	5	Feb. 3
Miner, Charles	5434	21	Mar. 20
McGowan, Edgar	5440	6	Mar. 24
Maynes, Daniel A	5441	7	Do.
McKinzie, D	5471	28	Apr. 7
Macdonald, Norman	5479	4	Apr. 9
McGregor, Wilson	5488	10	Apr. 12
Millen, William	5494	16	Apr. 13
McAlpine, John	5489	12	Do.
Mahon, Albert J	5508	9	Apr. 16
McNiff, Robert	5512	12	Apr. 17
Meikleham, Thomas	5515	16	Apr. 19
Murdock, John A	5528	8	Apr. 26
McCarthy, Daniel	5529	9	Do.
Maddock, John C	5546	15	May 6
McAlpin, Hugh	5549	15	May 10
McLachlan, Archibald	5553	20	May 11
McGowan, Thomas	5560	19	May 17
McNelly, Edward	5562	25	May 18
Moore, Samuel	5564	7	May 22
Motley, Thomas	5571	18	May 29
McLachlan, Duncan	5572	18	Do.
McRoberts, Samuel	5575	22	June 2
McKerchey, John	5587	16	June 12
McLachlan, Dugald	5595	28	June 18
McKay, William	5610	38	July 10
Miner, Frank J	5617	14	July 22
Miner, John	5620	21	July 26
Miner, Norman L	5621	9	July 27
Meisel, William	5624	20	July 30
McGuire, James	5627	16	Aug. 2
McLarty, James	5636	16	Aug. 11
McDonald, Neil	5638	14	Aug. 13
McIntosh, John L	5639	20	Aug. 18
McGregor, John M	5643	31	Aug. 21
McKay, Alexander J	5644	18	Aug. 24
McCune, Michael	5648	17	Aug. 27
McAllister, James	5650	10	Do.
McQueen, H. G	5655	24	Aug. 31
Moore, C. F	5657	38	Sept. 8
Millen, John	5673	16	Sept. 29
McCallum, George W	5674	14	Oct. 7
McLachlan, Duncan A	5679	40	Oct. 16
Millen, James W	5680	21	Do.
McDongall, William	5688	10	Nov. 4
May, Anthony T	5695	2	Dec. 13
Nelson, Bernard	5521	14	Apr. 21
Norvell, Walker	5532	8	Apr. 27
Newberry, Truman H	5687	8	Oct. 29
Ogden, Benjamin F	5417	10	Mar. 4
O'Hagan, David	5457	5	Apr. 1
O'Tool, Martin	5480	23	Apr. 10
O'Neill, James	5619	20	July 24
Phillips, Hugh	5436	14	Mar. 22
Pender, John	5523	17	Apr. 22
Parsons, James	5526	15	Apr. 24
Peltier, Charles A	5534	27	Apr. 27
Phelps, George H	5598	21	June 19
Parsons, Myron P	5632	26	Aug. 5
Pelkey, Louis L	5634	15	Aug. 9
Pitcher, Fredrick A	5640	9	Aug. 19
Pearson, John J	5652	6	Aug. 28
Quinlan, William	5460	8	Apr. 2
Quinlan, Thomas D	5498	21	Apr. 14
Rhynas, Robert	5420	25	Mar. 10
Ruelle, Alexander	5443	22	Mar. 25
Rogers, George C	5453	16	Apr. 1
Rathbun, Eugene	5482	25	Apr. 10
Rolls, William H	5507	32	Apr. 16
Robertson, W. H	5548	10	May 8
Riley, James N	5576	20	June 2
Robertson, John H	5613	28	July 15
Ruelle, Alexander, jr	5630	12	Aug. 3
Stiles, Lyman	5415	17	Feb. 25
Smith, George	5445	7	Mar. 25
Sidney, David	5447	14	Mar. 26
Sayre, C. E	5456	6	Apr. 1
Stevens, Edward P	5474	15	Apr. 8
Sullivan, Edward	5475	8	Apr. 9
Snell, James	5485	6	Apr. 12
Sunderland, John	5487	14	Do.
Shafer, Avander H	5522	9	Apr. 22
Sheehan, James E	5533	13	Apr. 27
Stoddard, Lewis M	5541	13	May 3
Surles, John W	5552	15	May 11
Swain, Martin	5557	29	May 13
Shanks, George	5567	21	May 25
Sloan, John W	5606	17	June 25
Scott, Walter	5609	15	July 7
Sinclair, Robert	5642	23	Aug. 20
Stenton, Francis W	5663	27	Sept. 15
Shaw, John C	5664	9	Sept. 16
Slyfield, Henry J	5675	23	Oct. 11
Skillington, James	5686	20	Oct. 26
Tucker, John N	5478	24	Apr. 9
Trombly, Mador	5483	14	Apr. 10
Trent, Frederick	5511	8	Apr. 17
Thompson, Robert E	5566	9	May 25
Thorburn, John	5573	13	May 29
Tobin, John	5586	16	June 12
Tobin, James	5597	9	June 19
Tormey, James	5666	17	Sept. 18
Tobin, Richard	5670	22	Sept. 21
Tinney, Marion	5681	22	Oct. 18
Vanstan, Thomas	5563	10	May 20
Wilson, George	5403	21	Jan. 12
White, George S	5408	12	Feb. 8
Waltman, Joseph	5424	28	Mar. 15
Walters, Francis	5430	13	Mar. 20
Willoughby, William J	5450	10	Mar. 29
Wilson, William H	5451	12	Mar. 30
West, Bert	5465	10	Apr. 3
Woodgrift, Charles H	5467	7	Apr. 5
Wilson, David	5469	10	Apr. 6
Woods, Charles	5495	10	Apr. 13
Watts, James B	5516	13	Apr. 19
White, Robert H	5539	23	May 3
Wilson, Charles L	5544	15	May 4
Wilkinson, F. A	5570	12	May 28
Woodgrift, Charles W	5577	12	June 4
Westcott, John W	5603	21	June 24
Williams, Benjamin F	5605	15	June 25
Wilkinson, John	5646	26	Aug. 26
Whipple, S. A	5662	13	Sept. 14
West, David	5672	13	Sept. 27
Waterman, Cameron D	5691	19	Nov. 11
York, Charles M	5402	29	Jan. 11
Yipe, Matthew	5449	8	Mar. 27
Young, J. P	5692	33	Nov. 16

Pilots licensed during the year ended December 31, 1897—Detroit, Mich.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Anderson, Andrew	3679	12	Apr. 3
Allen, Daniel	3698	8	Apr. 13
Ames, James N	3706	11	Apr. 15
Brown, Nelson	3602	5	Jan. 4
Best, Charles	3610	8	Feb. 15
Burgeois, Edward M	3624	5	Mar. 6
Baker, Edward J	3663	6	Mar. 25
Burgess, Riley	3666	6	Mar. 26
Bertrand, Frank	3669	4	Mar. 29
Bowden, Wilbur J	3670	5	Mar. 30
Bernier, Alfred	3676	8	Apr. 1
Barron, Dennis J	3687	6	Apr. 7
Bootz, Charles	3692	5	Apr. 10
Butterfield, Merritt	3694	7	Apr. 12
Burns, Thomas	3722	8	Apr. 22
Burr, Reuben	3740	14	May 25
Burr, James	3767	8	July 10
Bullock, Austin E	3770	7	July 22
Bretts, John	3775	7	Aug. 10
Boyse, John F	3780	9	Aug. 23
Burrell, Walter W	3795	10	Oct. 21
Bedford, Jay P	3799	2	Oct. 26
Brown, Albert	6501	10	Nov. 15
Brown, Robert	6502	16	Nov. 29
Clark, Alexander	3612	4	Feb. 17
Curtis, Albert	3616	10	Feb. 24
Christe, Charles	3628	2	Mar. 9
Chilson, Frank B	3630	3	Mar. 11
Currie, Alfred L	3635	3	Mar. 12
Clark, William A	3645	8	Mar. 17
Clifford, John	3658	12	Mar. 23
Corbin, Louis J	3678	13	Apr. 3
Craig, William	3710	4	Apr. 16
Clark, Angus	3715	3	Apr. 20
Carney, Peter	3725	9	Apr. 28
Carolan, William F	3745	7	May 29
Cooper, Thomas	3747	8	May 31
Cook, Elmer E	3784	12	Sept. 8
Corr, William H	3787	7	Sept. 22
Carney, John	3794	9	Oct. 18
Conroy, Charles	3798	16	Oct. 25
Campbell, Elmer E	3800	8	Nov. 3
Doner, James	3605	7	Jan. 29
D'Clute, John	3611	5	Feb. 16
Doyle, John	3622	1	Mar. 2
Demay, Julius	3650	7	Mar. 18
D'Clute, Hugh	3684	5	Apr. 5
Dunn, William R	3708	10	Apr. 15
Duncanson, John A	3734	7	May 14
Dixon, Charles	3749	14	June 1
Desana, John, jr	3752	6	June 15
Decker, David S	3771	6	July 23
Duncanson, Joseph	3774	8	Aug. 9
England, Richard W	3636	5	Mar. 12
Ellis, Thomas	3730	5	May 10
Foote, James B	3634	2	Mar. 11
Flaherty, Joseph	3647	10	Mar. 17
Fortain, Henry J	3649	5	Mar. 18
Finlayson, Rory	3689	11	Apr. 9
Forton, Frank S	3690	9	Do.
Fowler, Cerilus J	3713	10	Apr. 19
Fox, J. C	3720	8	Apr. 22
Ferguson, Peter	3732	7	May 13
Fletcher, Archibald	3737	14	May 22
Girardin, David C	3604	3	Jan. 12
Grant, Theodore	3618	5	Feb. 25
Gustafson, Andrew	3623	1	Mar. 3
Graham, John	3656	10	Mar. 23
Graveline, Felix	3674	5	Mar. 30
Gatfield, Edward D	3691	3	Apr. 10
Gasco, James L	3700	8	Apr. 14
Gendron, Fred	3763	9	June 30
Griffin, John	3773	6	Aug. 9
Hayward, A. S	3642	3	Mar. 15
Hackett, Gordon	3661	6	Mar. 24
Hall, William R	3662	6	Mar. 25
Hagan, Thomas	3696	13	Apr. 13
Hackett, David M	3699	3	Do.
First-class pilots—Continued.			
Howard, W. E	3709	8	Apr. 16
Heddrich, Frederick	3711	7	Apr. 17
Higgins, Thomas	3717	5	Apr. 21
Hackett, Frank J	3718	14	Do.
Huntoon, William	3727	7	May 1
Hitchcock, Amos	3728	5	May 7
Hatt, Edward	3735	5	May 18
Hilger, Nelson	3739	15	May 25
Hatt, William	3757	14	June 17
Harris, Henry C	3764	6	July 1
Heath, Robert A	3777	9	Aug. 13
Holling, J. T	3779	12	Aug. 23
Ivers, Patrick	3638	14	Mar. 13
Jessop, Henry G	3601	9	Jan. 2
Jacquis, Damase	3619	10	Feb. 25
Jock, William J	3646	5	Mar. 17
Julian, Louis	3659	5	Mar. 24
Jarrait, Charles W	3667	5	Mar. 27
Jones, Charles A	3668	2	Do.
Judson, Harry W	3695	6	Apr. 12
Jock, William	3789	11	Sept. 23
Kunna, George M	3620	10	Feb. 25
Kinyon, William	3703	8	Apr. 14
Keys, John W	3716	5	Apr. 20
Klintworth, John J	3738	16	May 24
Kotcher, Albert J	6506	6	Dec. 9
Loop, James C	3627	7	Mar. 8
Leath, Ernest C	3652	3	Mar. 20
Lightbody, John	3675	6	Mar. 31
Lawlor, Thomas W	3680	2	Apr. 3
Larrabelle, Frank	3681	9	Do.
Lane, George Henry	3705	5	Apr. 15
Lyons, Bernard	3707	3	Do.
Lacroix, Louis	3742	5	May 27
Laframboise, Calix	3758	4	June 19
Law, Charles	3769	13	July 20
Laird, James	3778	5	Aug. 17
Laframboise, Frank	6507	8	Dec. 15
McDonald, John A	3603	4	Jan. 6
Maxwell, George L	3606	2	Jan. 29
McCarthy, John	3609	3	Feb. 12
Morehead, William	3626	2	Mar. 6
McFarland, Daniel	3629	3	Mar. 10
McGregor, Bertram	3632	4	Mar. 11
McLean, Ronald	3633	4	Do.
McRae, Alexander	3643	4	Mar. 16
Morrison, Thomas	3648	8	Mar. 18
Maddock, James B	3653	3	Mar. 22
McCallum, Alexander	3655	5	Mar. 23
McLachlan, E. A. V	3664	9	Mar. 25
Myers, Hugh C	3704	9	Apr. 15
McKinley, A. E	3719	15	Apr. 22
Mussman, John	3723	9	Apr. 23
Mooney, Patrick L	3726	5	Apr. 30
McAlpine, William	3729	8	May 10
McDonald, John	3743	3	May 27
McGuire, Eugene J	3746	7	May 31
McLachlan, H. T	3748	9	June 1
Mathews, Isaac S	3750	12	June 11
Menzies, William	3753	8	June 15
McCallum, John	3755	11	June 16
Moore, Frank	3760	12	June 28
McPhail, Peter J	3765	2	July 3
McDonald, Roland J	3772	9	Aug. 3
Matheson, Roderick A	3776	8	Aug. 12
McGuire, James	3781	13	Aug. 25
Myers, John	3786	7	Sept. 18
McClosky, Robert J	3788	10	Sept. 22
McLeod, Malcolm	3791	14	Oct. 5
McLachlan, Malcolm	3793	24	Oct. 12
Morrow, Louis	3796	13	Oct. 23
McIntyre, Dennis	3797	14	Oct. 25
Nesbitt, William	3685	6	Apr. 5
Newberry, John S	3754	9	June 15
Navin, Peter	6505	10	Dec. 8
Peters, Joseph	3607	7	Feb. 8
Peabody, Edmond	3613	8	Feb. 19
Parsons, Herbert H	3625	2	Mar. 6

Pilots licensed—Detroit, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Pratt, Frank C	3631	3	Mar. 11
Pope, Henry H	3637	5	Mar. 13
Pettie, Arthur	3657	4	Mar. 23
Phillips, George L	3671	5	Mar. 30
Place, John	3688	11	Apr. 8
Peck, Charles W	3697	12	Apr. 13
Payment, Charles M	3736	8	May 22
Pelkey, Antoin	3766	10	July 8
Robertson, William H	3615	5	Feb. 23
Reaume, Alexander	3639	4	Mar. 15
Roether, Adolph G	3640	4	Do.
Regan, John A	3641	4	Do.
Rosie, William	3651	4	Mar. 18
Rathbun, Courtney J	3672	6	Mar. 30
Robinson, Leander	3683	8	Apr. 5
Roy, Hilaire	3712	6	Apr. 17
Roach, James	3714	11	Apr. 20
Roberts, Lory C	3721	7	Apr. 22
Russell, Matthew	3724	12	Apr. 26
Regan, Hugh	3731	7	May 11
Robinson, Salem	3756	11	June 16
Redmond, Moses	3768	16	July 10
Robinson, Albert H	3785	16	Sept. 10
Scott, Frank W	3608	4	Feb. 10
Sweeney, John	3614	5	Feb. 20
Savage, Frank E	3621	5	Mar. 1
Stalker, Andrew W	3660	7	Mar. 24
Shirley, George E	3665	4	Mar. 26
Sloan, John	3677	8	Apr. 2
Snook, George A	3686	5	Apr. 6
Sharp, Henry	3693	7	Apr. 12
Smith, John Terence	3701	6	Apr. 14
Seaman, John H	3741	8	May 26
Swan, James M	3762	8	June 29
Schutte, Albert J	3761	21	Do.
Stewart, N. L	3790	9	Sept. 23
Smith, Charles L	3792	3	Oct. 5
Smith, William R	6503	6	Dec. 1
Trombly, James	3654	9	Mar. 22
Thorburn, James A	3682	8	Apr. 3
Tobin, Joseph H	3702	10	Apr. 14
Tobin, Thomas	3733	10	May 13
Tucker, William S	3759	16	June 24
Tate, David	3783	24	Sept. 3
Todd, Bethel	6504	6	Dec. 4
Vandusen, Edward H	6508	9	Dec. 16
Whitney, Frank	3617	6	Feb. 24
Wilson, William	3644	5	Mar. 16
Welsh, John	3673	3	Mar. 30
Wilkinson, Charles	3744	13	May 29
Wybrands, William	3751	4	June 12
Yax, Peter	3782	10	Aug. 26
Second-class pilots.			
Allen, Jacob	3707	1	Mar. 11
Anderson, Andrew C	3733	6	Apr. 24
Allen, Thomas	3764	12	Aug. 2
Brown, Jessie V	3705	2	Mar. 1
Bloodgood, G. W	3739	11	May 17
Bury, John E	3753	2	July 6
Cowdrey, William T	3704	2	Feb. 27
Crittenden, Herbert P	3715	3	Mar. 27
Carey, Thomas	3743	20	June 11
Dewey, John M	3718	6	Apr. 1
Dulac, Bert G	3728	7	Apr. 15
Drew, Frank A	3731	7	Apr. 23
Dewey, Roland L	3745	10	June 16
Dewey, Joseph A	3758	7	July 20
Denstaedt, Henry	3760	9	July 26
Dooland, Andrew	3773	6	Sept. 14
Delphier, Peter	3777	18	Sept. 28
Second-class pilots—Continued.			
Forton, Eli	3732	3	Apr. 24
Fisher, William	3741	7	June 1
Furtaw, Tusaw	3776	10	Sept. 27
Henry, Edmund K	3702	2	Jan. 23
Harmon, William L	3709	1	Mar. 18
Huff, William H	3712	5	Mar. 23
Hanstein, Albert	3723	11	Apr. 3
Hawley, Edward T	3749	6	June 25
Hutchins, Horace G	3768	12	Aug. 11
Hansen, Andrew T	3780	9	Oct. 6
Horn, Albion E	3786	9	Dec. 18
Innes, Harry L	3814	2	Mar. 26
Johnson, John R	3772	7	Sept. 7
Kelly, Henry T	3727	3	Apr. 14
Keifer, Frank	3782	5	Oct. 14
Laramie, Thomas	3703	1	Jan. 25
Liddell, James	3708	1	Mar. 12
Lawson, Colon P	3711	2	Mar. 22
Lynn, Edward J	3717	9	Mar. 30
Lemon, Louis	3736	15	May 1
Lionais, Edward	3778	9	Sept. 28
MacDonald, John	3710	2	Mar. 20
McDonald, Fred	3721	1	Apr. 1
Moison, Anthoine	3746	19	June 17
Medler, Jesse F	3759	19	July 22
Matt, Louis	3763	9	July 28
Null, James H	3738	10	May 14
Pocock, John W	3701	1	Jan. 14
Perry, Timothy, jr	3706	7	Mar. 10
Palmer, Maynard	3720	2	Apr. 1
Perry, William C	3724	5	Apr. 7
Rosalsky, Frederick W	3762	1	July 27
Roberts, Charles	3771	9	Sept. 1
Rolls, William A	3785	5	Oct. 26
Stewart, Chesley C	3725	2	Apr. 7
Swain, Harry M	3740	1	May 20
Trudeau, Levi	3747	4	June 18
Trites, Elias S	3761	5	July 26
Wharry, John	3722	1	Apr. 2
Wood, William J	3755	4	July 9
Werback, August W	3783	8	Oct. 18
Special pilots.			
Brossia, John C	3730	7	Apr. 23
Bowling, Stephen J	3752	7	July 2
Decker, Charles H	3716	4	Mar. 27
Dowd, Charles	3719	6	Apr. 1
Duxbury, David R	3735	7	Apr. 27
Drouillard, Thomas D	3751	7	July 1
Dodge, Horace E	3766	1	Aug. 9
Hoeft, Paul H	3729	1	Apr. 17
Hall, Harry W	3769	4	Aug. 26
Ingraham, Frank H	3750	1	June 25
Lovett, William W	3726	2	Apr. 10
Leonard, Arthur C	3765	6	Aug. 3
Letourneau, David	3779	7	Oct. 1
McCullough, John A	3744	5	June 16
McMillan, James H	3770	4	Aug. 27
Oades, Walter H	3754	1	July 8
Ocobock, William	3775	1	Sept. 25
Parent, Harry F	3713	4	Mar. 25
Patterson, George E	3784	9	Oct. 19
Robinson, James	3734	7	Apr. 27
Robertson, Leander H	3767	3	Aug. 11
Studer, Peter H	3742	1	June 8
Smith, W. D	3748	7	June 22
Schaefer, John	3756	9	July 15
Sterling, Frank S	3774	7	Sept. 21
Tripp, William F	3737	3	May 14
Willett, Victor, jr	3757	11	July 15
White, Holden B	3781	5	Oct. 12

Joint pilots and engineers licensed during the year ended December 31, 1897—Detroit, Mich.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Fournier, T. F	1355	7	Aug. 31	Kappell, Edward W	1352	1	June 12
Haight, Elwin F	1353	5	June 17	Purdie, Charles F	1357	5	Sept. 20
Haberkorn, C. H	1354	4	July 3	Snyder, Willie A	1358	7	Oct. 21
Inman, Ebert	1351	1	May 1	Van Liew, Frank	1356	1	Sept. 3

Engineers licensed during the year ended December 31, 1897—Detroit, Mich.

Chief engineers.				*Chief engineers*—Continued.			
Ackerman, Lewis C	5774	15	Mar. 22	Eckliff, Charles C	5861	16	May 31
Annett, Henry	5786	15	Mar. 27	Elsey, John	5929	20	Aug. 17
Alger, Bernard	5818	14	Apr. 19	Fletcher, Charles A	5710	5	Jan. 22
Ausher, Charles	5902	23	July 16	Francombe, George	5764	20	Mar. 16
Anthony, James H	5962	23	Oct. 25	Felder, Valtine	5857	21	May 25
Braund, Samuel H	5706	6	Jan. 18	Francombe, Charles J	5863	11	June 2
Barr, William C	5709	23	Jan. 21	Francony, Philip	5876	24	June 11
Bolton, William J	5719	10	Feb. 1	Forsyth, Patrick G	5893	28	June 28
Burke, Charles H	5740	11	Mar. 2	Finehart, Joseph	5930	16	Aug. 17
Burdeno, John	5748	12	Mar. 6	Foster, James H	5943	17	Sept. 6
Bennett, Alva Lewis	5765	7	Mar. 17	Free, Henry	5967	9	Nov. 5
Brisbois, Alfred	5781	19	Mar. 26	Gervin, William J	5736	29	Feb. 27
Bloom, John	5799	22	Apr. 5	Garland, Albert E	5739	12	Mar. 2
Barton, Arthur O	5801	23	Apr. 6	Gadway, Peter P	5754	16	Mar. 9
Buchanan, Thomas	5805	31	Apr. 10	Gray, John	5766	20	Mar. 18
Biddulph, George W	5819	8	Apr. 19	Gourlay, George	5768	8	Mar. 20
Bennett, James C	5837	16	May 4	Graham, Duncan E	5778	15	Mar. 23
Bloecker, Henry	5838	12	May 5	Grieves, Donald M	5795	12	Apr. 1
Blanchard, Edward	5860	17	May 28	Galpin, William	5800	17	Apr. 6
Bery, Jacob	5873	21	June 10	Gilligan, Michael J	5825	14	Apr. 26
Buzzard, Corey H	5908	11	July 24	Gostage, John	5894	12	June 30
Burnham, Charles J	5921	24	Aug. 9	Gifford, Edgar	5899	9	July 12
Bates, William A	5924	24	Aug. 11	Gowan, John W	5916	16	Aug. 3
Buchanan, Robert B	5933	19	Aug. 18	Gregory, Walter F	5945	12	Sept. 16
Bennett, Daniel C	5940	41	Sept. 1	Gould, Uriah	5947	14	Sept. 18
Beaubien, James	5941	26	Sept. 2	Garry, Thomas J	5964	14	Oct. 30
Brown, John S	5946	18	Sept. 17	Galwey, John H	5970	24	Nov. 24
Beane, George	5953	22	Sept. 29	Groomes, Asal	5971	20	Nov. 26
Barle, Dominick	5956	15	Oct. 8	Haas, Andrew	5714	6	Jan. 28
Bauld, William	5968	27	Nov. 8	Harling, Charles	5723	5	Feb. 12
Cottrell, Edward H	5705	6	Jan. 18	Hamilton, Francis H	5747	16	Mar. 6
Cantin, Philip	5734	11	Feb. 23	Hand, John	5752	26	Mar. 8
Cowell, Samuel G	5742	17	Mar. 2	Hunter, Walter	5757	17	Mar. 13
Cobo, August	5761	10	Mar. 15	Hally, James J	5759	1, 5	Do.
Cullen, William F	5767	18	Mar. 19	Harrigan, Michael	5753	14	Mar. 22
Cocklin, William	5769	20	Mar. 20	Hubbard, Thomas	5782	8	Mar. 26
Curtis, George W	5776	16	Mar. 23	Hallock, Lorenzo D	5797	15	Apr. 2
Crumhorn, Peter A	5789	21	Mar. 27	Harling, Walter	5798	15	Apr. 3
Cameron, Allen J	5793	9	Mar. 30	Holder, Julius	5811	16	Apr. 13
Craig, Robert	5806	15	Apr. 10	Hall, John Thomas	5813	9	Do.
Cronenweth, John M	5822	36	Apr. 22	Hayward, John B	5821	8	Apr. 21
Crook, Alfred R	5831	7	Apr. 27	Hubbell, Miner L	5830	18	Apr. 27
Campbell, William	5851	25	May 22	Hibbard, John	5839	20	May 5
Cunningham, George E	5858	13	May 26	Head, Thomas	5844	22	May 8
Cogger, George	5859	16	May 28	Harkins, Daniel	5856	16	May 25
Cameron, James	5885	18	June 23	Hill, Robert G	5868	18	June 5
Cameron, John	5888	14	June 25	Hayward, Addison S	5872	10	June 9
Cook, William	5898	16	July 10	Huff, William S	5896	29	July 1
Connor, Patrick E	5900	32	July 13	Harlock, Edward	5903	20	July 17
Calder, Charles B	5919	25	Aug. 4	Huett, Frederick A	5909	15	July 27
Colovin, James E	5959	14	Oct. 13	Huff, Nicholas	5928	23	Aug. 16
Cockburn, John	5961	18	Oct. 22	Hartman, John A	5936	28	Aug. 23
Clark, John	5965	28	Nov. 3	Hemmingway, John	5939	17	Aug. 31
Collinge, George	5973	2, 6	Dec. 21	Harling, William	5960	21	Oct. 16
Dungan, Edmund R	5711	7	Jan. 25	Hay, William	5963	25	Oct. 27
Dupont, John	5730	4	Feb. 18	Jubinville, Charles F	5732	17	Feb. 20
Delany, Martin	5772	28	Mar. 22	Jones, John	5751	24	Mar. 8
Diack, Alexander S	5816	8	Apr. 16	Jamieson, Peter	5758	7	Mar. 13
Dupont, Herman	5820	12	Apr. 20	Jones, Albert L	5842	1, 9	May 7
Draper, Charles	5892	16	June 26	Killett, William David	5721	7	Feb. 5
Donnelly, Daniel	5895	19	July 1	Kelly, Patrick	5802	14	Apr. 6
Douglass, Luther	5910	31	July 27	Kollinger, Joseph	5809	32	Apr. 12
Drouillard, Eli	5920	18	Aug. 9	Kean, Edward	5812	21	Apr. 13
Delany, John	5925	25	Aug. 12	Kelly, George B	5841	18	May 7
Dubois, Winfield	5932	24	Aug. 18	Kelly, Thomas J	5869	13	June 7
Drysdale, Thomas	5972	16	Nov. 30	Kean, William	5950	14	Sept. 24

Engineers licensed—Detroit, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Lacey, Robert	5702	8	Jan. 14
Lawrence, John	5718	9	Feb. 1
Lacey, Joseph	5738	14	Mar. 1
Ludlow, Richard C	5755	28	Mar. 10
Langford, Richard S	5779	26	Mar. 24
Lacey, John	5814	22	Apr. 16
Lawrence, George C	5852	15	May 24
Lamb, Charles F	5870	20	June 8
Lewis, James E	5881	24	June 18
Limburger, Joseph	5907	17	July 21
Lacroix, Nicholas	5911	21	July 29
Lacey, Mathew	5912	14	Do.
Leroux, Joseph	5948	21	Sept. 20
Munro, Daniel	5703	14	Jan. 14
Meddaugh, William A	5707	7	Jan. 21
Milne, George M	5715	5	Jan. 29
Mercier, Emile	5744	7	Mar. 3
McClure, John W	5763	9	Mar. 16
McLeod, George	5775	5	Mar. 22
Merrill, Walter M	5784	15	Mar. 26
McHugh, Thomas B	5787	21	Mar. 27
McClure, William J	5792	36	Mar. 30
McSweeney, John E	5794	20	Mar. 31
Monnier, Edward	5829	23	Apr. 27
McLearn, John	5833	25	Apr. 28
McCabe, P. B	5834	30	Apr. 30
McGrath, James R	5846	15	May 6
Macdonald, William J	5843	7	May 8
Mugkelburg, Gottlieb C	5845	23	May 13
Morrison, Thomas W	5848	15	May 15
McDonald, Frank	5849	6	May 17
Morison, Alexander	5853	28	May 24
McKittrick, William	5855	28	May 25
Middleton, James	5862	18	June 2
Morrison, Irwin	5865	14	June 3
McKittrick, William	5867	30	June 4
Marshall, George W	5871	8	June 9
Maseth, Joseph	5874	12	June 10
McKittrick, Joseph W	5879	14	June 15
McDonald, William	5882	17	June 18
McManus, Thomas	5889	20	June 25
Morison, Robert L	5897	13	July 10
McMartin, William	5901	14	July 13
Medler, Robert H	5906	15	July 21
McAlpin, Hugh	5913	6	July 30
Miller, Peter	5915	20	Aug. 2
Merrill, Thomas	5922	28	Aug. 10
McWaters, Samuel J	5927	15	Aug. 16
McGuire, James	5931	16	Aug. 17
Maxson, Charles B	5944	20	Sept. 9
Meier, Louis	5949	11	Sept. 22
McMillan, Donald	5957	27	Oct. 11
Nelson, Andrew	5847	19	May 15
Ostrander, Arthur D	5722	8	Feb. 9
O'Dogherty, William P	5745	12	Mar. 3
Olmsted, Andrew G	5756	4	Mar. 11
Ormsby, William	5846	27	May 15
O'Brien, Patrick	5958	26	Oct. 13
Peck, Lewis M	5753	5	Mar. 9
Phillips, Ammon	5770	17	Mar. 20
Pospeshil, Jacob B	5796	19	Apr. 1
Potter, James W	5804	8	Apr. 7
Peltier, Charles S	5807	25	Apr. 10
Purvis, James G	5832	20	Apr. 28
Pingle, Frederick	5880	30	June 16
Peltier, George	5887	17	June 24
Pirie, Alexander	5914	18	Aug. 2
Purvis, Thomas	5935	2, 14	Aug. 21
Perry, Edwin	5937	21	Aug. 26
Purvis, John B	5966	16	Nov. 3
Ruehle, Frederick	5720	12	Feb. 3
Rae, Edmond	5725	9	Feb. 15
Robinson, Frederick W	5729	4	Feb. 17
Rossiter, John L	5743	16	Mar. 3
Rittenhouse, C. C	5750	17	Mar. 6
Robinson, James	5827	15	Apr. 27
Robinson, George E	5864	16	June 3
Robertson, Porter	5866	5	Do.
Chief engineers—Continued.			
Rousseau, Joseph	5886	29	June 23
Reed, William O	5891	4	June 26
Ranney, John S	5917	29	Aug. 4
Robinson, Rufus R	5923	14	Aug. 10
Rouse, Francis H	5952	19	Sept. 28
Robert, Joseph	5969	13	Nov. 9
Simmons, John L	5708	5, 9	Jan. 21
Schwartz, Frank	5712	3, 5	Jan. 27
Sanders, Frank	5713	5	Do.
Steadley, Frank	5716	8	Jan. 30
Seiler, Frank	5726	4	Feb. 15
Stewart, James D	5733	7	Feb. 23
Slaven, Patrick	5741	7	Mar. 2
Saeger, Michael	5760	10	Mar. 15
Schumaker, William	5771	15	Mar. 22
Sullivan, Charles A	5783	17	Mar. 26
Suider, Amos W	5824	10	Apr. 26
Shackleton, John H	5826	23	Do.
Stackhouse, William H	5828	17	Apr. 27
Simmons, George L	5835	17	May 3
Scott, Charles	5850	5	May 20
Sargent, John M	5854	21	May 25
Stage, Robert	5875	27	June 10
Sullivan, John W	5904	18	July 20
Snyder, Joseph O	5905	22	July 21
Sherwood, Fred F	5951	12	Sept. 25
Toner, Michael N	5701	16	Jan. 4
Tindall, William	5704	1, 5	Jan. 15
Taylor, Joseph	5717	7	Feb. 1
Taylor, William F	5727	6	Feb. 16
Teahan, Thomas J	5737	18	Mar. 1
Tucker, Elmer E	5777	15	Mar. 23
Turnbull, William D	5780	17	Mar. 25
Teahan, William	5790	22	Mar. 27
Thornton, George H	5803	14	Apr. 6
Thomas, Philip	5808	17	Apr. 10
Tilley, Edwin W	5810	17	Apr. 12
Tennant, James C	5815	1, 5	Apr. 16
Towne, George W	5836	12	May 3
Torrance, David	5890	10	June 25
Tart, Charles	5934	35	Aug. 20
Torrance, Hugh	5955	18	Oct. 6
Van Liew, Frank	5918	12	Aug. 4
Wagner, William	5724	9	Feb. 15
Woods, Bernard	5728	11	Feb. 16
Wright, Malcolm	5731	1, 5	Feb. 18
Williams, Owen	5735	32	Feb. 24
Watts, William	5746	18	Mar. 3
Wenner, William P	5749	16	Mar. 6
Walker, William T	5762	16	Mar. 15
Westaway, John	5785	25	Mar. 27
Westbrook, William	5788	14	Do.
Wood, Eugene	5791	5	Mar. 29
Wrege, Robert E	5817	9	Apr. 17
Welsh, Warren	5823	17	Apr. 26
Wood, John	5877	24	June 12
Wolfgang, Otto Fred'k	5878	20	June 15
Werner, Louis	5884	15	June 19
Williams, J. F	5926	22	Aug. 16
Warner, Frank H	5938	15	Aug. 26
Willex, George W	5942	20	Sept. 3
Wilkie, William H	5954	15	Sept. 30
Zeh, Jacob	5883	22	June 19
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Barbknecht, August F	6907	6	June 1
Colter, Thomas F	6921	15	June 30
Churcott, David	6939	12	Aug. 16
Cudworth, Daniel M	6944	6	Aug. 31
Finlayson, Alex. W	6951	13	Oct. 7
Greenhalgh, Alexander	4921	2	Feb. 10
Gould, Clark	4972	2	Mar. 31
Hutchins, Payson	4994	11	May 11
Kraatz, Henry	6938	15	Aug. 10

Engineers licensed—Detroit, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Mahon, William L	4902	4	Jan. 9
Parent, Emil	6949	5	Sept. 27
Scenter, Joseph	4971	12	Mar. 31
Strong, Alonzo	6925	10	July 13
Shire, John	6955	9	Oct. 28
Thomas, Exire	4980	15	Apr. 6
Whalen, Alex	4997	7	May 19
Willett, Victor	6926	14	July 15
First assistant engineers.			
Adams, James	4914	3	Feb. 1
Aldrich, Bert	4966	6	Mar. 25
Adams, George	4974	3	Apr. 1
Andrews, William	4978	5	Apr. 5
Ankcorn, Arthur J	4993	6	May 10
Almond, Henry	6950	6	Oct. 2
Allice, George	6957	11	Nov. 26
Beckbissinger, Wm. G.	4908	5	Jan. 22
Braund, Thomas W	4915	1	Feb. 3
Bouley, Joseph	4919	1	Feb. 8
Beach, Oliver	4964	2	Mar. 22
Banfill, Ruben	4967	1	Mar. 26
Burden, William H	4970	12	Mar. 29
Bookye, Frank	4982	12	Apr. 8
Blair, William	4986	13	Apr. 13
Bradshaw, William J	6905	14	May 29
Barden, William	6906	13	June 1
Barry, George P	6920	8	June 29
Baxter, Richard	6929	4	July 22
Bookya, Oliver	6930	16	July 24
Bogart, Walter P	6943	16	Aug. 28
Barden, George	6960	17	Dec. 2
Crowley, William H	4912	2	Jan. 30
Crow, Fred	4925	1	Feb. 16
Clancy, Michael	4933	2	Feb. 24
Clark, John W	4935	2	Feb. 25
Craven, Joe	4943	5	Mar. 1
Cramond, George	4946	2	Mar. 6
Chapman, Enoch	4953	2	Mar. 16
Craig, Robert	4968	5	Mar. 27
Cook, George W	6901	9	May 25
Clark, William	6933	13	July 31
Carter, James	6942	15	Aug. 17
Creamer, Abraham	6852	1	Oct. 7
De Forest, Ray C	4901	1	Jan. 6
Doan, Frank D	4916	12	Feb. 8
Dumars, August	4924	1	Feb. 15
Dungan, William H	4932	1	Feb. 24
Dohaney, William D	4947	3	Mar. 8
Draper, Charles W., jr.	4952	3	Mar. 12
Doherty, Michael	4973	23	Apr. 1
Drysdale, William J	6918	2	June 28
Dumont, Joseph	6953	20	Oct. 12
Elsey, John	4911	7	Jan. 29
Ehrenreich, Charles	4963	5	Mar. 22
Fitzgerald, Edwin	4941	2	Feb. 27
Forter, John	6910	14	June 5
Gretzinger, John N	4926	3	Feb. 20
Gorman, Peter	4950	12	Mar. 11
Gearardo, William H	4965	7	Mar. 24
Hoffman, Ed. A	4904	1	Jan. 18
Hartwell, Edward	4930	1	Feb. 23
Hunt, Thomas	4956	16	Mar. 17
Hartman, Frederick J	4957	4	Do.
Hollister, William H	4962	7	Mar. 22
Hanford, Maurice	4995	11	May 11
Henderson, Henry	5000	6	May 22
Hart, Carlton V	6909	19	June 2
Jackson, Andrew	4945	2	Mar. 3
Kelly, Hugh	4907	1	Jan. 20
Kane, Thomas J	4955	7	Mar. 16
Kunze, Robert	4959	6	Mar. 19
Kennedy, John J	4975	2	Apr. 2
Kennedy, James	4976	6	Apr. 3
First assistant engineers—Continued.			
Kelly, John	4990	8	Apr. 16
Kemmerly, James	6914	5	June 11
Kum, Fred J	6945	7	Aug. 31
Lubahn, Herman	4906	1	Jan. 18
Lee, William P	4937	6	Feb. 25
L'Hote, Harry E	4951	1	Mar. 11
Lumby, George W	4969	1	Mar. 29
Lowry, Harry	6911	5	June 8
Lowe, Adam C	6913	1	June 11
Langdon, Spencer	6934	15	Aug. 2
Lewis, Harry L	6948	4	Sept. 25
Maxwell, David	4917	3	Feb. 8
Mohr, George	4918	2	Do.
Maxwell, Robert	4922	3	Feb. 11
Miller, Wilhelm	4927	5	Feb. 20
Mann, Herbert M	4940	6	Feb. 27
McNivin, Donald	4979	8	Apr. 5
Miller Frank W	4981	3	Apr. 7
Menmuir, Charles H	4984	5	Apr. 10
Martin, Fred W	4992	22	May 6
Mason, Henry T	6903	8	May 26
Murphy, Timothy	6912	17	June 11
Moss, Julian	6922	9	June 30
McLelland, William	6928	10	July 21
Murphy, Thomas	6958	7	Nov. 27
Mulholland, Thomas	6961	8	Dec. 4
Northup, John W	6946	11	Sept. 6
O'Brien, Dennis	4985	15	Apr. 12
Provost, James G	4909	3	Jan. 25
Pospeshil, Frank J	4920	1	Feb. 10
Peltier, Louis	4938	6	Feb. 26
Peltier, Arthur	4949	5	Mar. 8
Peltier, Moses	4960	7	Mar. 20
Palmer, Joseph	4977	13	Apr. 5
Peltier, Edmund	4987	7	Apr. 13
Peters, David	4998	5	May 20
Park, James M	6917	11	June 25
Pingle, John	6919	14	June 29
Radford, John	4903	2	Jan. 13
Rietze, Emil	4913	2	Feb. 1
Rivard, Anbrey	4931	2	Feb. 24
Roach, Mylo O	4942	6	Feb. 27
Richrath, Adam	4954	7	Mar. 16
Ralph, Harry Hill	4961	9	Mar. 22
Rahal, Philip J	6915	2	June 16
Reynolds, Ralph	6937	4	Aug. 9
Sheeran, James	4910	1	Jan. 27
Solcau, John L	4923	1	Feb. 11
Schwartz, Fred	4928	3	Feb. 20
Stockton, Robert	4936	5	Feb. 25
Smith, Frank	4948	11	Mar. 8
St. Onge, Peter	4983	12	Apr. 9
Storrs, Elijah	4988	15	Apr. 13
Schmidt, George	4989	5	Apr. 16
Skeldon, Richard A	4991	17	May 4
Simpkins, John W	4996	8	May 15
Schmidt, Xavier	6902	9	May 25
St. Onge, Augustus	6916	17	June 17
Sharbanaw, Benjamin	6923	14	July 2
Sweetingham, Henry	6924	8	July 6
Sayen, Joseph	6927	16	July 15
Seidel, Jacob	6935	12	Aug. 3
Schaeffer, Edward	6941	9	Aug. 17
Supple, John F	6947	21	Sept. 15
Stimson, Edward E	6956	2	Nov. 3
Schulte, Anthony C	6959	4	Dec. 1
Taylor, Joseph H	4958	2	Mar. 18
Tuscany, Frank	6931	11	July 30
Vaughan, Harry A	4905	1	Jan. 18
Van Toll, Ralph	4939	1	Feb. 26
Watts, Robert	4929	1	Feb. 23
Wilson, Alexander B	4934	1	Feb. 24
Winkler, Louis	4444	1	Mar. 3
Wray, William J., jr	4999	2	May 21
Whipple, Edward M	6904	10	May 28
Wilson, Henry H	6908	14	June 1

Engineers licensed—Detroit, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Ward, William H	6932	9	July 30
Weiss, Albert A. C	6940	8	Aug. 16
Werback, August W	6954	14	Oct. 18
Second asst. engineer.			
McCartan, James	6936	4	Aug. 4
Special engineers.			
Baron, Eli A	2816	1	Sept. 14
Crebbin, Fred	2805	1	May 29
Decker, Charles H	2802	5	Mar. 27
Dodge, John Frank	2811	1	Aug. 21
Special engineers—Continued.			
Elice, George	2801	10	Jan. 11
Gates, William	2803	10	Apr. 7
Ingraham, Frank H	2808	1	June 25
Knoch, Frederick	2815	2	Sept. 4
McGregor, Thomas	2804	1	May 5
Martin, William	2813	3	Aug. 30
McClenahen, Allen S	2814	1	Sept. 3
Ocobock, John C	2817	1	Sept. 25
Parkin, William	2818	1	Sept. 30
Rockelmann, William	2809	7	July 9
Smith, Edwin	2806	4	June 1
Schaefer, John	2812	12	Aug. 30
Towler, Max J. L	2810	3	Aug. 11
Ward, Dell	2807	4	June 25

LOCAL DISTRICT OF CHICAGO, ILL.

Master licensed during the year ended December 31, 1897—Chicago, Ill.

Name.	No. of license.	No. of issue.	Date of issue.
Fogel, David C	5707	13	Feb. 2

Masters and pilots licensed during the year ended December 31, 1897—Chicago, Ill.

Name.	No. of license.	No. of issue.	Date of issue.
Anderson, William	5749	11	Apr. 6
Anderson, Robert R	5950	11	Dec. 16
Baughman, Charles E	5708	17	Feb. 4
Beggs, David	5712	7	Feb. 15
Brown, John W	5715	10	Feb. 20
Baldwin, Thomas G	5720	20	Mar. 10
Bennett, James	5737	26	Mar. 29
Beddell, Horace I	5741	20	Mar. 31
Beggs, Thomas J	5751	9	Apr. 7
Brion, James W	5770	19	Apr. 15
Berentson, Jacob	5785	17	Apr. 26
Bennett, Herman	5790	19	May 1
Bronson, Charles T	5792	11	May 4
Boyne, John	5820	13	May 20
Blend, H. W	5839	14	June 10
Buscey, Emery J	5845	20	June 17
Boyd, Joseph	5854	10	June 23
Barry, Miles	5860	18	June 30
Blue, Henry W	5861	24	July 1
Barry, Thomas	5870	19	July 13
Branch, Arthur J	5875	20	July 20
Bundy, Henry	5876	9	July 20
Boswell, William A	5899	25	Aug. 23
Brown, Charles W	5901	26	Aug. 26
Brockway, Louis A	5908	15	Sept. 7
Brown, James W	5922	19	Sept. 27
Brittain, Ralph C	5929	33	Oct. 4
Consaul, Henry T	5710	24	Feb. 13
Clark, John P	5718	15	Mar. 4
Comstock, J. N	5735	12	Mar. 29
Cain, John	5740	10	Mar. 31
Cunningham, Edward	5752	16	Apr. 8
Cleghorn, Alexander	5753	20	Do.
Christopher, S	5754	10	Do.
Christianson, Andrew	5755	14	Apr. 9
Carter, John S	5761	17	Apr. 12
Curran, James	5766	12	Apr. 14
Cummings, Charles H	5783	17	Apr. 20
Chateau, William	5786	8	Apr. 26
Chambers, James D	5796	11	May 6
Corcoran, William	5801	17	May 8
Chamberlin, William	5814	18	May 18
Curran, David	5821	21	May 20
Campbell, Alexander D	5825	25	May 24
Christenson, Charles A	5826	10	Do.
Chron, Thomas	5832	20	May 26
Cuthbert, Hiram A	5850	12	June 21
Curran, David A	5857	14	June 25
Carr, James	5858	23	June 28
Campau, Louis A	5859	12	Do.
Crosby, William	5864	15	July 6
Crawford, William	5873	32	July 17
Crawford, John A	5886	18	Aug. 4
Cochrane, David M	5896	25	Aug. 18
Carr, James J	5911	11	Sept. 11
Coates, L. B	5920	19	Sept. 25
Calbick, James A	2926	11	Sept. 29
Cassin, John	5931	20	Oct. 7
Coughlin, James	5932	26	Oct. 9
Cronkhite, Henry	5940	17	Oct. 29
De Wolf, George L	5701	18	Jan. 6
Dandy, William	5721	6	Mar. 11
Dowdell, Patrick	5768	9	Apr. 14
Donohue, Martin R	5797	14	May 7
Disher, William	5803	11	May 8
Donohue, Michael	5806	21	May 10
Downey, Ezekiel	5812	19	May 17
Decker, William H	5836	12	June 4
Doso, Joseph	5837	13	June 5
Dodge, Myron T	5846	15	June 18
Dalton, John C	5903	8	Aug. 27
Davis, Richard A	5916	40	Sept. 18
Dykes, Thomas	5928	14	Oct. 1
Donigan, James	5946	7	Nov. 8
Everett, Anthony	5705	15	Jan. 29
Elliott, Anthony M	5772	6	Apr. 15
Eble, John	5787	13	Apr. 26
Evans, Edward	5815	15	May 18
Evans, William H	5819	16	May 19
Eckard, Benjamin	5933	11	Oct. 12

Masters and pilots licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Francke, Charles H	5782	18	Apr. 20
Foster, Joseph M	5830	14	May 26
Fuller, Charles E	5862	15	July 1
Flood, Gillman W	5868	22	July 8
Flynn, George F	5885	14	Aug. 3
Finncan, William	5892	16	Aug. 14
Fitzpatrick, John	5930	30	Oct. 5
Finneron, Michael H	5935	19	Oct. 20
Gunderson, Hans	5717	13	Mar. 1
Griffin, Patrick	5733	14	Mar. 26
Gunderson, Charles T	5750	10	Apr. 6
Godman, James P	5763	12	Apr. 12
Germain, H. A	5769	11	Apr. 14
Graser, George	5795	2	May 6
Gardner, William H	5867	20	July 8
Gurney, Frank	5869	9	July 10
Goldsmith, Robert C	5872	31	July 17
Gillman, John W	5880	30	July 26
Hebner, Frank	5709	29	Feb. 6
Houghton, Daniel F	5722	9	Mar. 12
Higgins, Thomas J	5725	12	Mar. 13
Higgie, Francis B	5726	11	Mar. 15
Howard, Martin	5728	10	Mar. 17
Hudson, William E	5729	11	Mar. 18
Hodge, William A	5781	23	Apr. 19
Hyde, Norman B	5805	12	May 10
Hubbard, Charles H	5824	13	May 24
Hurlbut, Jesse G	5831	16	May 26
Hammer, George T	5852	17	June 22
Hart, H. W	5863	24	July 2
Hawley, Bradley H	5874	17	July 19
Huntley, Mortimer A	5879	12	July 24
Hamilton, Walter D	5881	13	July 26
Hogg, George L	5887	25	Aug. 4
Hogobaum, Orville E	5893	16	Aug. 16
Holdridge, George	5902	7	Aug. 26
Henderson, Alonzo W	5906	24	Sept. 6
Hazen, Walter	5907	15	Sept. 7
Hayes, Robert W	5910	17	Sept. 10
Hogan, James	5944	28	Nov. 4
Jenks, John	5878	18	July 23
Jones, Daniel	5889	4	Aug. 10
Johnson, Severn	5913	12	Sept. 13
Johnston, A. E	5925	15	Sept. 28
Korah, Oscar	5727	9	Mar. 15
Kennedy, Hugh	5742	10	Mar. 31
Kiah, David A	5780	22	Apr. 19
Lalond, Anthony	5724	10	Mar. 12
Ledden, Thomas	5759	5	Apr. 10
Landgraff, William H	5762	9	Apr. 12
Lyons, Ralph J	5774	16	Apr. 16
Lehman, Benjamin	5778	12	Apr. 17
Larson, Louis	5799	13	May 7
La Pish, Cyrus	5848	8	June 19
Lyons, Robert	5924	15	Sept. 28
Leith, Alexander	5939	8	Oct. 25
Moore, Charles K	5703	9	Jan. 18
Moore, Henry R	5716	9	Mar. 1
Minskey, J. P	5719	13	Mar. 4
Marshall, Robert S	5758	1, 9	Apr. 9
McDonald, George	5802	11	May 8
McIntosh, Charles	5807	32	May 12
McGuin, Thomas	5810	4	May 14
Martin, Thomas C	5818	17	May 19
Monroe, William	5841	22	June 11
McCulloch, Peter	5842	14	June 14
Morrin, Joseph	5844	19	June 15
Mooney, James	5847	20	June 19
McCullagh, George	5849	29	June 21
McKenzie, Daniel	5855	14	June 23
Merritt, George E	5883	28	July 31
Mann, Levi S	5884	33	Aug. 2
Moody, Charles E	5888	26	Aug. 4
Miner, George	5890	11	Aug. 14
McCormick, John F	5894	19	Aug. 16
McIntyer, Allan	5900	32	Aug. 24
Minter, Thomas D	5905	12	Sept. 4
McLean, Donald	5917	21	Sept. 21
Mitchell, John M	5919	23	Sept. 24
Moffett, Adelbert J	5934	27	Oct. 15
McBride, Thomas D	5936	23	Oct. 21
Moore, William M	5941	15	Oct. 30
McKay, William J	5942	16	Do.
McDonald, John H	5945	2	Nov. 6
Morgan, James W	5948	20	Nov. 10
Napier, Nelson W	5738	15	Mar. 30
Neville, Richard	5767	15	Apr. 14
Nicholson, John	5791	30	May 4
Nyman, Fay	5816	24	May 19
Nicholson, Thomas	5822	20	May 22
Nicholson, Robert	5838	20	June 7
Napier, Edward E	5843	34	June 14
Nolan, James F	5943	16	Nov. 4
Olson, Louis	5734	19	Mar. 27
O'Malley, Martin	5823	14	May 22
Olson, Olof S	5833	12	May 27
Owen, John Q	5871	27	July 16
Patterson, William	5714	10	Feb. 18
Powell, Joseph	5744	12	Apr. 2
Place, Morton H	5745	8	Do.
Pardee, George W	5756	15	Apr. 9
Petoskey, Thomas F	5800	16	May 8
Philliter, Riley	5827	26	May 25
Parsons, James G	5853	16	June 23
Page, Hiram C	5865	32	July 7
Prindiville, Redmond	5927	10	Oct. 1
Parke, John	5947	2	Nov. 9
Randall, Nonual S	5730	9	Mar. 22
Roche, Thomas H	5732	10	Mar. 25
Robarge, Excore	5764	8	Apr. 13
Rae, Frederick H	5784	17	Apr. 24
Robinson, Walter	5788	31	Apr. 29
Rand, Leroy A	5789	1, 9	Apr. 30
Rockafellow, George	5794	12	May 5
Robinson, Eugene C	5804	8	May 8
Riordan, L. J	5811	15	May 15
Rice, Alva J	5817	12	May 19
Reynolds, George H	5828	11	May 25
Roach, P. C	5834	39	May 29
Rollo, William	5840	33	June 11
Raleigh, John	5882	28	July 31
Rumble, Frank L	5904	6	Sept. 2
Regan, John	5937	10	Oct. 21
Roberts, Chester C	5951	10	Dec. 23
Smith, James	5702	8	Jan. 18
Shaw, William W	5706	8	Jan. 30
Smith, Roswell C	5711	12	Feb. 15
Sinclair, Cyrus H	5713	23	Feb. 16
Stilpheen, George F	5760	16	Apr. 12
Snow, John E	5773	32	Apr. 16
Snite, Andrew	5775	15	Do.
Shaw, Howard L	5779	10	Apr. 19
Shaw, Harry L	5793	13	May 5
Stuffelbeam, William E	5808	16	May 13
Stevens, Thomas J	5809	12	Do.
Steward, John	5813	25	May 18
Stuffelbeam, John A	5829	17	May 25
Sniffin, Berlin	5851	17	June 22
Sweeney, John	5856	31	June 25
Simmons, A. J	5866	15	July 7
Stover, James H	5877	14	July 21
Smith, Henry W	5895	11	Aug. 16
Sheffer, James H	5925	17	Sept. 28
Sinclair, James R	5938	24	Oct. 22
Sheldon, William	5949	14	Dec. 6
Thomson, Joseph C	5704	4	Jan. 22
Thompson, Charles	5743	13	Apr. 1
Tebo, George	5747	18	Apr. 5
Travis, James	5748	17	Apr. 6
Thomas, Oron D	5757	14	Apr. 9
Trotter, George E	5765	12	Apr. 13
Todd, James M	5776	17	Apr. 16
Tyrrell, Richard	5798	29	May 7
Taylor, John	5891	21	Aug. 14
Talbot, Alexander J	5897	16	Aug. 19
Thorpe, Edward F	5912	26	Sept. 13
Van Dalson, Edward	5771	21	Apr. 15
Van Patten, Frank W	5835	22	June 1
Van Gorder, Charles M	5921	14	Sept. 27
Williams, David	5723	9	Mar. 12
Weimar, Fred T	5736	5	Mar. 29
Wallace, Charles H	5739	10	Mar. 30

Masters and pilots licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Webb, Charles A	5746	1, 4	Apr. 2	Wex, Peter	5914	13	Sept. 13
Wilson, Charles H	5777	14	Apr. 17	Williams, William A	5915	10	Sept. 15
Woods, John	5898	13	Aug. 21	Wallis, G. Herbert	5918	6	Sept. 21
Wright, Loren	5909	14	Sept. 10	York, Solomon	5731	24	Mar. 22

Pilots licensed during the year ended December 31, 1897—Chicago, Ill.

First-class pilots.				*First-class pilots*—Continued.			
Anderson, Gustaf E	3803	3	Jan. 12	Humble, Richard F	3813	3	Mar. 1
Angenson, Martin	3834	6	Mar. 24	Hollingshead, John	3824	4	Mar. 12
Anderson, Andrew	3847	10	Apr. 7	Hansen, Charles A	3825	9	Mar. 13
Anderson, John	3879	12	Apr. 29	Hutchinson, David	3826	11	Do.
Adams, Hiram A	6007	8	June 15	Hallan, Richard	3831	25	Mar. 20
Anderson, Andrew	6013	10	June 23	Hansen, A. C	3844	2	Apr. 3
Bright, William T	3816	5	Mar. 3	Higgins, Patrick	3850	12	Apr. 8
Brown, Thomas	3828	13	Mar. 16	Hallahan, Cornelius J	3853	9	Apr. 9
Burns, James	3839	1 3	Mar. 27	Hayes, Joseph	3856	8	Apr. 13
Brown, George	3866	13	Apr. 17	Hill, Harry	3863	10	Apr. 17
Bell, Thomas J	3867	6	Apr. 20	Hough, Thomas M	3878	5	Apr. 28
Bowen, Elgin B	3868	24	Do.	Hamilton, William J	3880	10	Apr. 29
Barnett, William J	3873	8	Apr. 23	Hickman, J. J	3897	28	June 3
Burke, Patrick	3882	11	May 1	Harbottle Harry	3898	4	Do.
Butler, Frank S	3884	31	May 15	Hilliken, Charles	6003	18	June 8
Barry, Patrick J	6006	16	June 12	Haggerty, Michael	6004	10	June 10
Brown, William	6020	18	July 13	Hardie, William D	6010	11	June 21
Boyce, Arthur A	6036	8	Aug. 6	Hanson, W. D	6012	13	June 23
Bowe, Patrick	6039	11	Aug. 13	Hubbard, John	6021	12	July 14
Browne, Austin J	6061	9	Oct. 4	Hausler, Martin	6045	20	Aug. 25
Blake, James	6068	1, 7	Nov. 1	Ingleston, Frederick C	3837	6	Mar. 25
Burnes, Thomas	6069	10	Nov. 2	Ingleston, Frank A	6075	14	Nov. 29
Buchanan, James	6073	4	Nov. 10	Johnson, Andrew M	3836	6	Mar. 24
Clow, Oscar	3817	1	Mar. 4	Johnson, Charles	3885	9	May 15
Cowan, John	3819	17	Mar. 8	Joiner, Ernest C	6011	17	June 22
Cuthbert, Lincoln	3835	5	Mar. 24	Johnson, Fred	6024	5	July 19
Cook, William F	3845	8	Apr. 3	Jewell, George H	6033	30	Aug. 3
Comer, John F	3846	4	Apr. 5	Kohnert, James E	3810	1	Feb. 20
Cowan, Michael	3872	14	Apr. 22	Kaufmann, William	3832	4	Mar. 20
Curran, Edward	3881	14	May 1	Kiab, David A., jr	3900	10	June 4
Crawford, Thomas	3886	9	May 17	Kuehle, Louis	6015	16	June 25
Cortland, Tracy D	3894	14	May 26	Leggatt, George E	3815	12	Mar. 2
Culluan, John	6002	1, 12	June 7	Logan, John A	3823	2	Mar. 12
Criter, George B	6018	10	June 28	Landreth, Oliver V	3829	7	Mar. 16
Crowley, James	6023	12	July 17	Larson, Louis	6027	17	July 24
Campbell, Randolph W.	6049	11	Aug. 28	Lauthier, Edmund P	6038	8	Aug. 10
Cooley, Hiram	6050	14	Do.	Larson, Bernard	6041	1, 3	Aug. 21
Cochrane, Robert	6059	16	Sept. 18	Langlois, Edward	6067	13	Nov. 1
Christen, Emil	6070	10	Nov. 3	Lavell, Nels A	6072	4	Nov. 6
Crawford, James	6076	11	Dec. 10	McGarry, George	3811	9	Feb. 26
De Coudres, Jay	3804	13	Jan. 12	McKinnon, John	3812	3	Do.
Dorcey, Thomas E	3891	12	May 21	Myers, Edward P	3827	7	Mar. 15
Deuch, Frederick	6022	9	July 15	McGannon, William P.	3838	11	Mar. 25
Doherty, Edward	6053	28	Sept. 6	Merrege, John	3840	5	Mar. 30
Ely, William H	3854	19	Apr. 9	Mahon, Walter M	3841	2	Do.
Eberlein, John	3860	5	Apr. 16	McInnes, Neil	3848	13	Apr. 7
Elton, William M	3865	12	Apr. 17	Morin, Peter	3858	7	Apr. 14
Elliott, George	6042	26	Aug. 23	McGregor, William J	3862	10	Apr. 17
Ericson, Andrew	6048	19	Aug. 27	McLennon, John	3874	2	Apr. 23
Farrant, Julian	3871	11	Apr. 21	McCarthy, John P	3883	8	May 5
Fitch, Edward	3893	10	May 25	McKay, Neil	3889	9	May 18
Ferris, Phillip	6040	12	Aug. 16	Moore, J. F	3890	3	May 19
Flynn, John A	6056	4	Sept. 13	Moore, Myron L	3895	8	May 27
Farley, Albert B	6077	5	Dec. 17	Mulvaney, John	6001	14	June 5
Grilley, Albert J	3808	4	Feb. 12	McCorquodale, D. S	6005	7	June 11
Griffin, P. H	3837	13	Mar. 23	Morgan, Henry	6008	8	June 17
Grondy, John	3851	8	Apr. 8	McAdams, Henry	6014	33	June 24
Gallagher, James	3855	12	Apr. 13	McGrain, George	6026	6	July 23
Groh, Louis	3859	28	Apr. 14	Mott, Theodore J	6030	12	July 29
Gaffney, Thomas	3888	18	May 18	Miller, William R	6046	8	Aug. 25
Gale, John E	3896	9	May 31	Morrison, John	6054	5	Sept. 6
Gray, Judson	6032	1, 6	Aug. 2	Morgan, John	6055	13	Sept. 9
Garant, Joseph A	6063	5	Oct. 14	Mitchell, William	6060	11	Oct. 2
Gormly, John	6064	15	Oct. 16	McPhee, Angus	6066	8	Oct. 23
Holland, Charles T	3802	19	Jan. 12	Massey, Samuel	6071	1, 2	Nov. 5
Harlow, William R	3806	5	Jan. 26	Nilsen, Harold	3814	1	Mar. 2
Higgie, John F	3807	1	Feb. 8	Norwood, J. A	3876	13	Apr. 27

Pilots licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Paisley, William	3857	8	Apr. 14
Parker, James H	3870	14	Apr. 21
Pattee, Frank	6031	15	July 31
Peterson, John G	6034	2	Aug. 4
Peters, Andrew	6074	15	Nov. 16
Ritchie, William S	3801	6	Jan. 7
Riley, James	3843	5	Apr. 1
Rolfson, Hans	3861	10	Apr. 17
Ryan, Edward	3887	16	May 18
Roeber, William	3892	8	May 22
Ryder, Duane	6019	27	July 12
Redner, Elmer J	6029	9	July 29
Reynolds, Michael	6037	8	Aug. 10
Randall, Jacob H	6047	6	Aug. 26
Rason, Edward	6051	12	Aug. 28
Redden, Joseph	6078	15	Dec. 20
Roberts, John J	6079	2	Dec. 23
Solon, John	3818	10	Mar. 6
Smith, William C	3820	9	Mar. 10
Story, John	3821	11	Do.
Saph, Jay P	3822	5	Mar. 12
Sinclair, John	3830	6	Mar. 16
Shea, Joseph A	3869	7	Apr. 20
Smith, Joseph	3877	9	Apr. 27
Shingler, Robert	6016	16	June 26
Sadler, Charles	6025	14	July 22
Sullivan, James B	6044	11	Aug. 24
Sawyer, John	6052	13	Sept. 1
Schermerhorn, William	6057	13	Sept. 14
Sheehan, John	6062	21	Oct. 11
Stubbs, R. J	6065	3	Oct. 20
Tobin, James	3805	11	Jan. 22
Topic, Peter	3842	1, 4	Mar. 31
Thurston, Samuel	3849	6	Apr. 7
Tonkin, William H	3852	5	Apr. 8
Tary, John	3864	11	Apr. 17
Thompson, Donald	6017	10	June 26
Taylor, Edward	6043	3	Aug. 23
Vickery, Martin	6058	13	Sept. 14
Weimar, Paul T	3809	3	Feb. 19
Wilson, Charles L	3875	2	Apr. 27
Warner, Thomas H	3899	5	June 3
Walsh, William	6009	28	June 17
Wright, William H	6028	6	July 27
Waldron, Benjamin A	6035	12	Aug. 5
Second-class pilots.			
Anderson, Charles	3858	4	Apr. 26
Anderson, Oscar L	5529	9	Aug. 11
Anderson, Frank	5574	18	Oct. 21
Braman, Samuel	3804	11	Jan. 18
Balow, Charles	3818	2	Mar. 5
Burns, John	3821	16	Mar. 9
Bouchard, Arthur C	3836	2	Mar. 30
Barry, Peter	3837	4	Do.
Bohlin, Alexander	3839	6	Apr. 6
Brooks, William	3848	3	Apr. 14
Birchwall, Henry	3868	9	May 12
Barry, James	3887	26	June 11
Bradwell, Thomas	5505	6	July 9
Brown, Robert	5506	13	July 12
Bowyer, W. M	5507	3	Do.
Brandstetter, George	5512	16	July 20
Bowland, Michael M	5516	9	July 22
Barry, James	5539	9	Aug. 20
Busch, Max	5578	1	Oct. 25
Baldwin, Seth E	5580	6	Oct. 27
Crowley, Mark	3806	1	Feb. 1
Coates, Stephen Boyd	3865	12	May 3
Cargill, Don F	3871	2	May 15
Coyle, Hugh A	3876	1	May 24
Chateau, Samuel	5531	5	Aug. 13
Cullnan, Patrick J	5558	2	Sept. 15
Cooney, Frank	5567	6	Oct. 5
Charles, Robert A	5568	8	Oct. 7
Campion, John F	5571	8	Oct. 19
Campbell, Alexander B	5577	4	Oct. 25
Second-class pilots—Continued.			
Cooper, Thomas	5584	16	Nov. 4
Dorrell, Frank M	3815	8	Mar. 1
Doyle, John	3838	14	Apr. 5
Donley, James	3847	7	Apr. 14
Derby, John W	3859	10	Apr. 26
Donovan, John	3866	9	May 4
Dorn, Augustus F	3875	1	May 24
Dougherty, Daniel	3881	7	May 28
Degnan, Peter	3889	16	June 21
Divish, Joseph	5515	3	July 22
Dahlke, Herman	5582	21	Oct. 29
Elliott, Charles A	3832	4	Mar. 26
Everett, Joseph	3867	30	May 11
Egan, Dennis	5537	8	Aug. 19
Ellis, C. W	5554	20	Sept. 11
Foster, Heckman B	5502	10	July 7
Foster, Edward C	5508	11	July 14
Flood, George H	5540	2	Aug. 21
Foley, Patrick	5550	25	Sept. 6
Fisk, Maynard C	5569	6	Oct. 8
Foster, James H	5579	5	Oct. 26
Gayette, William	3803	4	Jan. 11
Glendenning, Wm. H	3830	2	Mar. 25
Guy, Adam J	3846	7	Apr. 14
Gallagher, John W	3873	6	May 20
Gardiner, William W	3879	2	May 25
Gilmore, John L	3898	13	June 28
Griffin, Michael	5514	3	July 22
Gorman, Joseph H	5519	13	July 24
Gareghty, Thomas	5527	12	Aug. 10
Griffin, John	5576	1	Oct. 23
Goodfellow, George	5589	7	Dec. 8
Harmon, Joel L	3805	3	Jan. 19
Harmon, William	3808	5	Feb. 13
Hunche, William H	3809	4	Feb. 15
Hunter, Thomas K	3816	4	Mar. 1
Hansen, Karl F	3824	5	Mar. 15
Harvey, Andrew	3841	4	Apr. 7
Howard, Eugene	3842	7	Apr. 8
Hansen, John F	3845	3	Apr. 12
Hill, O. E	3852	8	Apr. 19
Hefferman, John H	3855	9	Apr. 23
Hunter, William H	3856	9	Do.
Hall, Thomas	3862	11	Apr. 28
Higgie, Byron A	3863	11	Apr. 29
Hathway, Henry	3864	6	May 1
Hitchcock, Archibald	3872	10	May 20
Houck, Robert	3882	18	June 1
Hardy, John	3896	13	June 26
Hoyer, Albert M	3897	1	June 28
Hogan, Martin	5535	4	Aug. 17
Hammond, William H	5549	13	Sept. 4
Hennessey, John	5553	5	Sept. 11
Hancock, Frank	5560	2	Sept. 18
Hanson, James	5566	5	Oct. 5
Hohman, Lewis	5585	11	Nov. 15
Herley, Jerry	5588	12	Nov. 29
Inkster, William	3827	3	Mar. 22
Inman, James	5517	17	July 23
Johnson, Emil	3825	1	Mar. 18
Johnson, Peter	3888	7	June 17
Jacobs, Frank	5534	18	Aug. 14
Jurgen, John	5536	17	Aug. 18
Johnson, Albert C	5543	27	Aug. 23
Johnson, Thomas J. A	5575	14	Oct. 22
Knaggs, Alla R	3802	11	Jan. 11
Kearney, William	3812	10	Feb. 20
Kelly, William	3813	4	Do.
Keating, Michael	3851	4	Apr. 14
Kuehle, William R	3877	12	May 27
Kehoe, Thomas	5541	5	Aug. 23
Kane, John J	5547	7	Sept. 1
Kelly, George B	5563	9	Sept. 29
Lind, Charles C	3819	3	Mar. 8
Liuthrup, James	3828	2	Mar. 22
Lamoreaux, Joseph	3835	9	Mar. 29
Lynn, Joseph R., jr	3878	12	May 25
Larson, Peter	5542	5	Aug. 23

Pilots licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Lutz, Theodore	5545	12	Aug. 24
Longley, George R	5573	1	Oct. 21
Morse, Albert T	3810	7	Feb. 15
Murphy, William	3840	10	Apr. 6
Martenson, Henry	3843	2	Apr. 8
McMurphy, Harley R	3844	3	Apr. 10
McQuade, James	3857	9	Apr. 26
Mikula, Joseph	3860	6	Apr. 27
McQuade, John	3861	6	Do.
McLevey, James	3869	14	May 13
McLaughlin, William	3870	14	May 15
Murphy, Jerry	3883	2	June 2
McGougall, Charles	3886	3	June 7
McGregor, Frank	3895	14	June 25
Meakin, George	5510	15	July 16
McCall, Walter	5511	10	July 19
McGavin, William	5513	4	July 21
McGregor, Frank R	5518	9	July 23
McLeod, John	5524	2	July 29
Maher, Michael	5526	18	Aug. 2
Madden, Thomas	5528	6	Aug. 11
McCarle, Charles	5546	13	Aug. 30
May, John F	5557	20	Sept. 14
Mahoney, Cornelius	5559	31	Sept. 16
Messner, John	5561	1	Sept. 23
McIsaac, Norman	5570	4	Oct. 11
McElevery, George	5581	12	Oct. 28
McMahon, James A	5583	3	Nov. 3
Neubert, Fred	3814	15	Feb. 24
Neubert, Henry	3880	12	May 27
Nolan, John W	5586	14	Nov. 16
O'Day, Brian J	3854	2	Apr. 21
O'Hara, Frank	5538	6	Aug. 20
O'Brien, John H	5565	14	Oct. 1
Pederson, Harry	3807	2	Feb. 4
Pearson, George A	3820	1	Mar. 8
Pardee, J. Frank	3833	2	Mar. 27
Paquet, Edward	3849	4	Apr. 15
Pratt, Charles O	5532	11	Aug. 13
Quinn, John	5544	15	Aug. 23
Ryan, Lawrence E	3853	7	Apr. 19
Rourke, James	3891	9	June 21
Second-class pilots—Continued.			
Robier, Joseph	5523	12	July 28
Schnader, Charles E	3801	4	Jan. 7
Shashagua, Joseph	3817	7	Mar. 5
Shalkenback, Joseph L	3826	4	Mar. 20
Sweesey, Charles C	3831	9	Mar. 26
Swenson, Albert	3834	1	Mar. 27
Severtson, Charles C	3850	11	Apr. 17
Shea, James E	3874	15	May 21
Schermerhorn, Edward	3884	11	June 3
Semple, John	3885	18	June 7
Schultz, August	3890	15	June 21
Smith, William	3894	13	June 25
Sager, George H	5509	8	July 15
Smith, William	5521	16	July 27
Smith, William	5552	8	Sept. 9
Smith, John G	5562	6	Sept. 28
Smader, Washington L	5572	4	Oct. 19
Thomson, Heandry	3823	4	Mar. 10
Tisdale, George B	3829	2	Mar. 23
Tyler, Romeo E	5501	7	July 6
Tierney, John	5522	25	July 28
Wallace, William H	3811	11	Feb. 16
Weinheimer, Fred	5504	2	July 9
Wiltgen, Jake T	5520	1	July 27
Williamson, Thomas	5556	8	Sept. 13
Special pilots.			
Bell, Henry	5555	8	Sept. 13
Bray, Joseph D	5587	6	Nov. 22
Collins, Bertrand R. T	5548	1	Sept. 2
Kimman, Henry J	3893	1, 4	June 25
Kahl, Nicholas	5551	5	Sept. 8
May, John W	3900	3	July 1
Mohr, Albert	5503	4	July 8
Powers, John	3892	14	June 21
Ries, Henry L	5525	8	July 31
Reid, Robert H	5530	1	Aug. 12
Shepherd, Charles A	5564	1	Sept. 30
Williams, Charles	3822	7	Mar. 9
Warrington, George	3899	9	July 1
Wilber, Marshall D	5593	7	Aug. 13

Joint pilots and engineers licensed during the year ended December 31, 1897—Chicago, Ill.

Anderson, George	1401	2	Mar. 12
Atmur, William J	1406	1	Sept. 2
Boser, Jacob	1408	5	Oct. 14
Cornell, Edward E	1407	3	Sept. 25
Minchinton, J. J	1404	1	Aug. 16
Sheets, John C	1403	7	Aug. 2
Tucker, Jasper W	1402	1	June 16
Treloar, Paul E	1405	2	Aug. 27
Vickers, Elias P	1409	2	Oct. 15

Engineers licensed during the year ended December 31, 1897—Chicago, Ill.

Chief engineers.			
Anderson, William	6004	21	Jan. 23
Anderson, Morris	6031	16	Mar. 20
Allison, Lewis	6036	15	Mar. 24
Allinder, Martin V	6043	18	Mar. 26
Annis, Norman L	6069	8	Apr. 16
Arnold, George	6098	23	May 11
Allinder, Charles	6133	16	June 7
Alexander, John	6141	15	June 14
Anderson, Carl	6189	8	July 28
Barry, John	6014	24	Feb. 20
Bent, Joseph	6022	17	Mar. 8
Brown, Philip	6024	12	Mar. 10
Bear, Fred H	6028	9	Mar. 18
Buschmann, Julius M	6029	17	Do.
Be Gole, B. F	6044	16	Mar. 29
Chief engineers—Continued.			
Balfour, James S	6058	10	Apr. 12
Butts, Joseph R	6061	12	Apr. 13
Bishop, Charles F	6064	16	Apr. 14
Bennett, John R	6065	15	Do.
Blauvelt, Albert	6089	7	Apr. 28
Burke, James V	6101	15	May 12
Bond, William H	6106	12	May 13
Baldwin, Judson A	6109	23	May 17
Bernard, C. W	6123	23	May 26
Buchanan, Hugh	6127	10	June 1
Blanchard, William E	6139	9	June 12
Brown, Alexander D	6143	10	June 14
Burke, Simeon S	6148	24	June 17
Burns, Michael	6153	16	June 21
Brown, James W	6154	24	Do.

Engineers licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Benson, James S	6108	29	July 19
Brooker, Albert R	6183	16	July 20
Barney, Frank	6204	17	Aug. 9
Bauld, Peter D	6222	18	Aug. 21
Burns, William J	6234	18	Sept. 1
Byron, J. L	6243	18	Sept. 11
Bernard, Charles L	6265	24	Oct. 11
Bauld, David A	6272	11	Oct. 19
Blanvelt, Dexter W	6280	23	Oct. 28
Burns, Joseph T	6283	9	Nov. 8
Bray, Joseph D	6289	8	Nov. 22
Baker, James W	6291	19	Nov. 27
Brake, William	6294	28	Dec. 8
Chipman, D. W	6008	17	Feb. 2
Callan, John	6041	13	Mar. 26
Costello, Dennis G	6052	19	Apr. 7
Clancey, James	6053	16	Apr. 8
Chapman, John N	6063	7	Apr. 14
Campbell, John	6076	4	Apr. 19
Coates, Stephen D	6080	16	Apr. 21
Chipman, D. W., jr	6092	12	May 1
Currie, Richard	6131	9	June 5
Chapel, Wilson	6150	15	June 19
Comiskey, Edward	6162	21	July 2
Corrigan, Thomas J	6207	12	Aug. 11
Carey, James W	6224	17	Aug. 23
Carlill, James B	6235	15	Sept. 1
Crawford, Nathaniel L	6236	22	Sept. 3
Corrigan, Thomas	6242	21	Sept. 11
Covyeow, Joseph	6260	32	Oct. 6
Cowan, George M	6262	14	Oct. 8
Carpenter, Leonard M	6263	8	Do.
Cleghorn, John	6266	7	Oct. 12
Deal, David A	6003	13	Jan. 20
Davis, Edward W	6032	7	Mar. 22
Donnelly, James	6160	31	June 29
Davis, Martin D	6164	16	July 3
Driscoll, John	6181	11	July 20
Darcy, Daniel	6190	12	July 28
Dawson, Eli	6192	14	July 30
Dowd, Thomas	6203	20	Aug. 7
Dionne, Louis	6216	13	Aug. 17
Driscoll, Patrick	6218	12	Aug. 20
Donovan, William E	6230	19	Aug. 27
Donnelly, Michael	6246	25	Sept. 18
Dines, Joshua	6270	22	Oct. 15
Deutscher, Nicholas	6275	27	Oct. 22
Elliott, W. E	6015	25	Feb. 26
Eales, William P	6054	1, 5	Apr. 8
Elmer, Charles J	6111	12	May 18
Eaton, Isaac I	6161	29	July 1
Fogg, George	6002	21	Jan. 18
Fritsche, George	6093	17	May 3
Felter, Joseph	6135	9	June 9
Foley, James D	6170	13	July 13
Faurot, James	6220	15	Aug. 21
Froggatt, George F	6240	7	Sept. 10
Flanagan, Edward	6253	12	Sept. 25
Fell, William G	6282	21	Nov. 6
Goodfellow, George	6006	17	Jan. 29
Gillett, George A	6019	1, 4	Mar. 4
Gooding, Charles M	6048	12	Apr. 2
Gilmore, John	6055	10	Apr. 9
Gillespie, William C. D	6083	23	Apr. 23
Gorey, John W	6113	13	May 18
Gould, Edward P	6120	1, 5	May 22
Gore, Morris	6165	21	July 3
Gravelle, David	6166	22	July 5
Gibbour, Austin	6231	19	Aug. 30
Goss, Joseph J	6244	13	Sept. 11
Gumlich, Charles	6261	27	Oct. 8
Hanks, William H	6013	1, 5	Feb. 19
Hoeffel, A. L	6026	20	Mar. 11
Henson, George	6062	27	Apr. 14
Hall, Henry	6071	19	Apr. 17
Haycox, Edward, jr	6087	14	Apr. 26
Hughes, James	6094	8	May 3
Chief engineers—Continued.			
Hendrey, William A	6097	27	May 10
Henry, William J	6110	25	May 18
Hutton, George	6116	15	May 20
Hutton, David	6124	19	May 28
Hickey, Martin	6125	19	Do.
Hackett, William J	6128	26	June 2
Hendrix, William	6132	16	June 5
Hineline, Benjamin W	6156	25	June 25
Haycox, Edward	6182	30	July 20
Hodge, Robert B	6210	15	Aug. 14
Hodgson, E. W	6232	14	Aug. 31
Haigh, Thomas	6247	13	Sept. 18
Henchey, Edward	6273	20	Oct. 19
Hudson, Timothy	6285	31	Nov. 16
Inman, James	6011	7	Feb. 13
Irons, Fred A	6200	13	Aug. 6
Jerome, Wilbur H	6095	11	May 5
Jamison, John	6129	26	June 4
Jacques, Edward	6157	32	June 28
Johnson, John C	6274	21	Oct. 21
Johnson, Thomas J. A	6276	21	Oct. 22
Krogman, W. F	6081	5	Apr. 21
Krogman, Almon C	6085	1, 4	Apr. 23
Knaggs, Perry N	6112	14	May 18
Kelly, William H	6186	1, 8	July 24
Kearns, Isaac F	6193	5	July 30
Klumph, George H	6206	11	Aug. 9
Kehoe, Thomas	6223	24	Aug. 23
Knaggs, Alla R	6267	20	Oct. 12
Leonard, William	6018	1, 6	Mar. 4
Linsemeyer, Fred W	6021	4	Mar. 5
Lavell, John	6038	13	Mar. 25
Leitch, Robert	6067	15	Apr. 15
Leahy, John	6084	13	Apr. 23
Larkins, E. H	6119	16	May 22
Lee, Charles R	6149	21	June 18
Lustig, Theodore	6174	19	July 14
Lee, Patrick	6184	19	July 23
Lynett, William	6211	30	Aug. 14
Lewis, William	6219	16	Aug. 20
Long, David E	6221	14	Aug. 21
Lies, Nicholas A	6245	6	Sept. 15
Lancto, Henry	6257	22	Oct. 1
McCanna, Benjamin F	6012	10	Feb. 13
Moore, George O	6025	13	Mar. 10
Miller, Charles	6033	13	Mar. 22
McDonald, George	6035	18	Mar. 24
Marcoux, Peter	6039	13	Mar. 25
Murdock, John H	6047	16	Apr. 1
McNulty, William A	6049	11	Apr. 5
Mason, Joseph R	6056	8	Apr. 9
McKittrick, Wm., jr	6059	23	Apr. 12
Murrett, Charles	6060	27	Apr. 13
Myers, Edwin	6073	10	Apr. 17
Myers, Frank H	6074	18	Do.
Murphy, John	6077	15	Apr. 20
McEllroy, Charles	6078	16	Do.
Mander, Peter	6082	17	Apr. 22
Marshall, William H	6090	26	Apr. 28
McGee, John	6096	21	May 7
Moreland, S. G	6099	24	May 11
McMillan, Daniel	6100	13	May 12
Minnie, Lewis C	6102	28	Do.
Mason, L. J	6104	12	May 13
Murphy, Patrick	6107	31	May 15
McCormick, Frank	6114	23	May 19
McAwley, John E	6115	17	May 20
Mack, John	6122	22	May 25
McCanna, John	6136	12	June 9
Miner, John	6140	28	June 12
Murray, Charles L	6159	10	June 29
Maher, Michael	6167	30	July 6
McLary, J. H	6171	20	July 13
Mallow, John	6173	17	July 14
Morris, Edward E	6187	16	July 24
Miller, B. F	6197	8	Aug. 3
Merrill, James P	6202	13	Aug. 7

Engineers licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Manney, Florance J	6208	16	Aug. 12
McLane, George	6226	32	Aug. 24
McKee, William	6228	25	Aug. 26
Mellon, Joseph	6241	13	Sept. 10
MacManeny, Dennis	6248	22	Sept. 20
Mallow, Joseph	6249	22	Sept. 21
Miller, Andrew C	6259	28	Oct. 2
Miller, William H	6277	9	Oct. 25
Macauley, James A	6290	15	Nov. 26
McRae, Samuel	6295	10	Dec. 21
Mallery, Edward	6296	14	Dec. 24
Nicholas, William	6009	8	Feb. 8
Narzal, Herman W	6050	15	Apr. 5
Navaugh, P. J	6072	21	Apr. 17
Newnham, S. L	6103	19	May 13
Nicholson, Robert	6229	16	Aug. 26
Neelis, James M	6292	18	Nov. 30
O'Brien, James	6075	14	Apr. 19
O'Leary, Martin	6118	16	May 21
Owen, Charles F	6227	14	Aug. 25
Olsen, Charles	6233	10	Sept. 1
Oertel, William	6238	5	Sept. 7
Otto, Henry F	6271	29	Oct. 18
O'Brien, Bartley	6278	33	Oct. 25
O'Hara, Harry	6279	15	Oct. 28
Peck, Roy L	6001	15	Jan. 5
Patrick, Theodore F	6046	21	Mar. 30
Price, Thomas	6051	16	Apr. 6
Porter, Charles H	6121	25	May 24
Penton, Henry	6146	11	June 16
Powders, Robert	6147	27	June 17
Padden, John E	6158	13	June 28
Pierce, Charles G	6168	22	July 7
Phillips, John	6175	41	July 15
Palmer, R. T	6205	15	Aug. 9
Palmer, Frederick	6212	16	Aug. 16
Payne, Henry G	6237	24	Sept. 6
Quackinbush, George	6005	5	Jan. 28
Qualey John	6023	21	Mar. 9
Quinn, Patrick H	6042	17	Mar. 26
Robinson, William J	6007	15	Jan. 30
Reilly, Frank	6010	1, 7	Feb. 12
Rawson, John L	6016	26	Mar 3
Rossan, James	6017	5	Do.
Roberts, Allen S	6020	8	Mar. 5
Robertson, Daniel H	6027	10	Mar. 12
Rice, Delos W	6037	12	Mar. 24
Richards, James	6088	19	Apr. 27
Ryan, Patrick	6126	20	May 29
Roth, George P	6138	28	June 11
Regan, Robert	6142	17	June 14
Ramsey, D. B	6155	24	June 25
Raymon, John	6172	7	July 14
Rick, Fred C	6209	17	Aug. 14
Ritter, Andrew	6217	14	Aug. 19
Reduer, Furman D	6251	16	Sept. 24
Riley, Hugh H	6269	4	Oct. 12
Rice, Daniel F	6281	19	Oct. 29
Stroder, J. M	6034	25	Mar. 24
Stombs, Joseph H	6040	28	Mar. 25
Sullivan, William	6045	17	Mar. 30
Stapleton, M. H	6057	12	Apr. 10
Smith, T. H	6066	16	Apr. 15
Speer, James	6086	24	Apr. 24
Shields, Patrick	6091	30	Apr. 30
Spence r, Richard	6105	12	May 13
Smades, Hiram N	6108	20	May 17
Summers, John	6134	6	June 7
Smith, Thomas W	6137	21	June 10
Sutter, Jacob	6144	28	June 15
Stedman, Charles	6151	23	June 19
Smithells, Richard E	6152	28	Do.
Sanford, Henry C	6163	12	July 3
Sullivan, Peter	6176	23	July 15
Shorer, George C	6179	29	July 19
Smith, Christian	6185	13	July 24
Stander, James	6194	5	July 31
Scott, Eugene	6195	9	Do.
Chief engineers—Continued.			
Styles, John	6198	13	Aug. 6
Schneiderwind, Wm	6199	15	Do.
Seymour, Thomas	6213	29	Aug. 16
Stephenson, Albert	6214	15	Do.
Stearer, George R. A	6256	15	Sept. 30
Shaw, Frank	6268	26	Oct. 12
Snyder, William A	6284	21	Nov. 13
Smithells, John F	6287	32	Nov. 18
Stacey, Charles E	6293	26	Dec. 6
Turnbull, James	6079	37	Apr. 21
Tibbitts, Dennis	6258	23	Oct. 2
Van Liew, John	6145	19	June 15
Van Every, Charles	6169	28	July 8
Vallat, Frank	6225	1, 5	Aug. 23
Vaughan, Amos E	6239	6	Sept. 8
Van Every, George	6254	20	Sept. 28
Wilson, George B	6068	21	Apr. 15
Wilson, John A	6070	25	Apr. 16
Welch, Alfred E	6117	21	May 21
Walder, Levi	6130	9	June 4
Walker, George C	6177	11	July 17
Woodruff, John F	6178	17	July 19
Webster, William L	6188	14	July 24
Welch, Charles S	6196	19	Aug. 3
Weland, Samuel	6201	13	Aug. 7
Webb, William H	6215	23	Aug. 17
Wills, David	6250	26	Sept. 21
Wehner, Edward	6252	22	Sept. 24
Wildman, James	6255	11	Sept. 28
Waters, Charles H	6264	12	Oct. 9
Winter, John G	6286	18	Nov. 17
Wallace, Richard	6288	16	Nov. 19
Young, Joseph A	6030	19	Mar. 20
Young, Fountain W	6191	16	July 29
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Arnold, George	5051	10	Apr. 1
Baughman, Charles E	5014	11	Feb. 4
Burghardt, William	5016	5	Feb. 15
Barry, Michael	5073	12	Apr. 19
Bildhauser, F. E	5094	4	May 3
Bell, Henry E	5173	15	July 6
Buckley, Daniel	5199	17	Aug. 2
Cameron, Arthur G	5055	1	Apr. 5
Coates, Stephen Boyd	5093	18	May 3
Cooper, Frederick G	5095	13	Do.
Croul, Horace	5137	4	June 10
Cossiboin, Charles	5148	11	June 17
Chamberlain, H. W	8024	3	Aug. 21
Delee, Michael	5185	5	July 20
Davis, Richard A	8021	13	Aug. 19
Drew, Walter	8042	12	Sept. 13
Foster, Joseph W	5122	8	May 25
Foster, James H	8046	14	Sept. 27
Gallagher, John	5119	6	May 24
Grover, Addison	5177	15	July 10
Hefele, Charles	5179	16	July 13
Inman, James	5005	9	Jan. 18
Korab, John B	5136	5	June 10
Lundeen, Peter	5109	13	May 15
Langto, Alexander	8041	7	Sept. 11
McCaslin, John H	5106	23	May 13
McGregor, Frank	5170	14	July 2
McCullough, John	5181	9	July 14
McGinn, Charles B	8051	9	Oct. 2
Marrin, John C	8081	5	Nov. 30
Matthews, Joseph S. T	8085	8	Dec. 9
Osborn, George	5144	10	June 15
Owen, John	5161	15	June 26
Peterman, George J. C	5011	4	Jan. 27
Paxton, Walter T	5098	4	May 5
Phillips, Cornelius	8077	18	Nov. 24
Reid, Robert H	5054	16	Apr. 5
Root, Wilbur A	5143	10	June 14

Engineers licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Reif, Peter	5171	10	July 3
Russell, Alexander	5187	10	July 21
Smith, Alvin	5063	5	Apr. 9
Stephinson, Francis	8035	9	Sept. 7
Shaw, Robert G	8044	2	Sept. 18
Suter, Louis	8056	20	Oct. 8
Shaw, James H	8057	5	Oct. 9
Shuey, J. J	8084	7	Dec. 7
Sears, Fulton H	8087	6	Dec. 16
Wagner, John	5129	12	June 5
Warrington, George	5168	7	July 1
Wallace, William	8008	19	Aug. 7
Williams, D. Y	8052	3	Oct. 4
Walsh, James M	8055	12	Oct. 6
Wallace, John	8083	5	Dec. 4
Young, Alfred E	8027	1	Aug. 26
First assistant engineers.			
Armstrong, J. C	5077	6	Apr. 21
Allen, Nathan E	5154	10	June 19
Altshaft, George	5162	16	June 26
Blodgett, R. O	5001	5	Jan. 5
Bates, Henry M	5010	2	Jan. 25
Beucher, John R	5026	14	Mar. 4
Baumgarten, Alexander	5031	10	Mar. 8
Barrett, James	5032	3	Mar. 9
Bedell, Horace I	5053	10	Apr. 2
Begole, Walter	5152	12	June 19
Barry, James	8003	14	Aug. 3
Buchan, John A	8013	8	Aug. 12
Baird, John, jr	8048	3	Sept. 27
Breuer, Joseph P	8058	3	Oct. 11
Baldwin, Seth E	8064	16	Oct. 20
Bates, William H	8068	12	Oct. 26
Barry, Peter	8082	10	Dec. 3
Clark, Raymond W	5004	3	Jan. 14
Carter, John W	5009	3	Jan. 23
Collins, Arthur E	5015	5	Feb. 10
Cullnan, Jerry	5023	3	Feb. 26
Carlson, Timothy J. R	5035	1	Mar. 17
Cameron, John A	5040	5	Mar. 22
Covyeow, Wm. Henry	5064	8	Apr. 12
Conley, John F	5096	3	May 4
Curry, Patrick J	5112	6	May 17
Coney, Fred T	5117	11	May 22
Cutler, John	5139	14	June 10
Cullnan, Daniel	5141	10	June 12
Connell, Burt J	5153	8	June 19
Carter, Richard	5178	15	July 12
Commens, Charles	8011	12	Aug. 12
Carrick, John	8016	10	Aug. 16
Cowan, George J	8017	10	Aug. 18
Culver, Andrew	8019	14	Aug. 19
Covyeow, Ramie J	8026	7	Aug. 24
Casselman, Henry	8062	15	Oct. 19
Charles, Robert A	8075	23	Nov. 22
Cleghorn, Hugh	8076	13	Nov. 24
Cowan, Frank A	8080	3	Nov. 30
Dumont, George	5022	5	Feb. 26
Doyle, James	5024	7	Mar. 3
Doyle, Patrick J	5079	7	Apr. 24
Davis, L. J	5080	6	Do.
Dwyer, Andrew J	5086	6	Apr. 30
Dira, Patrick	5114	15	May 20
Dwyer, James	5128	11	June 5
Dean, John	5142	11	June 14
Dresback, Frank F	5163	7	June 26
Donovan, Daniel	5174	13	July 8
Dalton, Robert	5192	7	July 26
Dizard, William	5194	8	July 28
Doyle, John M	5198	6	July 30
Dalton, John C	8023	17	Aug. 21
Daniels, John	8032	5	Sept. 2
Devine, John	8038	7	Sept. 9
First assistant engineers—Continued.			
Dahl, Andrew	8059	6	Oct. 12
Driscoll, John J	8063	9	Oct. 20
Evans, George D	5013	8	Jan. 27
Ellis, Reuben	5145	16	June 15
Elliott, Robert W	5149	3	June 17
Eckhoff, Claus	8036	7	Sept. 8
Frost, John H	5025	5	Mar. 3
Fitzpatrick, Arthur B.	5038	5	Mar. 19
Fiedler, Edward	5042	9	Mar. 25
Fergus, John T	5088	3	May 1
Foster, John	5099	13	May 6
Ferrigan, Paul	5121	5	May 25
Fredericks, Peter A	5189	6	July 22
French, Alfred	8007	13	Aug. 6
Fink, Reuben W	8014	4	Aug. 14
Friel, Frank	8028	18	Aug. 30
Foster, Charles H	8033	6	Sept. 3
Feeley, Joseph F	8050	1	Oct. 1
Griffin, Martin H	5028	6	Mar. 5
Gallagher, John	5062	19	Apr. 8
Gilbo, Frederick E	5074	6	Apr. 20
Grossenbaker, Lee	5091	1	May 1
Gould, Wilton C	5100	20	May 7
Grenell, Fred M	5127	2	June 3
Gardner, John S	5134	16	June 7
Gunn, James G	5164	12	June 26
Grant, William H	5176	5	July 9
Grubb, W. W	5183	6	July 16
Gilmore, John L	8005	13	Aug. 5
Hess, James I	5002	3	Jan. 11
Higgins John	5003	15	Jan. 14
Hutchinson, Frank B	5006	10	Jan. 18
Hurlbut, Wiley E	5007	3	Jan. 20
Hutton, Bert	5012	1	Jan. 27
Heffren, James	5017	1	Feb. 16
Hunter, Thomas	5019	13	Feb. 23
Heise, Fred	5041	9	Mar. 23
Hayward, Daniel D	5046	7	Mar. 27
Hubbard, J. J	5065	15	Apr. 12
Hickey, Cornelius	5070	7	Apr. 15
Henry, John	5101	12	May 7
Hall, John P	5126	6	May 28
Hefferman, Francis P	5131	5	June 5
Hunt, Charles	5135	11	June 9
Heffern, Barney	5151	15	June 18
Heckman, Henry G	5175	9	July 9
Halldin, John W	8034	4	Sept. 6
Horgan, Daniel	8045	3	Sept. 24
Heise, Henry	8054	14	Oct. 5
Henderson, F. J	8074	15	Nov. 22
Ives, Edwin P	5044	7	Mar. 27
Ingleston, Frank A	8079	13	Nov. 29
Jones, Henry C	5083	13	Apr. 28
Jewett, Leon L	5195	12	July 28
Jackson, Joseph H. F	8086	4	Dec. 15
Kanein, Frank A	5147	12	June 16
Kehoe, James	5165	9	June 30
Kelly, Joseph T	5186	10	July 21
Kearney, William H	5197	11	July 29
Kinch, Arthur J	8072	4	Oct. 8
Lundeen, Aleck	5058	8	Apr. 6
Loveless, Anson	5059	7	Apr. 7
Leland, William H	5067	5	Apr. 14
Lee, Henry	5081	9	Apr. 24
Le Baron, Leon	5087	6	May 1
Lahey, John	5103	15	May 12
Leuters, John	5116	5	May 21
Lindabacker, Edwin M	5124	4	May 26
Livingston, John F	5167	3	July 1
Lamoreaux, Joseph	5193	15	July 28
Lutz, Theodore	8025	16	Aug. 24
Lutz, John	8066	12	Oct. 22
Muir, Albert O	5008	6	Jan. 21
McNabb, Edward	5027	6	Mar. 4
Murch, Fred	5033	1	Mar. 12
Millar, Bryce F	5036	3	Mar. 18

Engineers licensed—Chicago, Ill.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Miller, James M	5043	6	Mar. 26
Mooney, Elbert E	5047	3	Mar. 29
Mitchell, Albert	5048	5	Do.
Meegan, Patrick J	5057	7	Apr. 5
McDermott, William	5066	13	Apr. 13
Murphy, James J	5068	6	Apr. 14
McKinley, William	5071	14	Apr. 15
McCracken, Arthur	5072	7	Apr. 17
McCarthy, Charles	5075	11	Apr. 20
McDannel, James F	5078	7	Apr. 22
Myers, Frank A	5082	13	Apr. 28
Moe, George C	5084	10	Do.
McIntosh, Howard E	5089	2	May 1
Moreland, Stephen M	5105	11	May 12
Mauk, John C	5108	4	May 14
McFadden, Charles	5110	14	May 15
McGuirk, Joseph	5115	13	May 21
Merrill, Edgar A	5130	10	June 5
Milman, William	5138	9	June 10
Murphy, D. F	5140	4	June 11
Manville, Noah	5155	16	June 21
McLean, William J	5156	2	Do.
Murdock, James	5159	1	June 24
McMillan, John	5180	5	July 14
Mooney, John	5184	17	July 17
Miller, John	5188	28	July 22
Mooney, John	5191	16	July 26
Martin, Myron A	5200	5	Aug. 2
Maher, Michael	8001	15	Do.
Meyers, Frank J	8002	15	Do.
Marshall, J. L	8012	15	Aug. 12
McKay, Thomas	8018	6	Aug. 18
Marshall, J. H	8020	18	Aug. 19
Moss, Louis C	8022	5	Aug. 21
McDonald, Byron	8040	14	Sept. 11
McDole, Charles E	8049	17	Oct. 1
McKee, Thomas	8053	19	Oct. 4
McCorquodale, Francis	8061	6	Oct. 13
Madden, Joseph	8070	19	Nov. 4
McElligott, John	8071	9	Nov. 8
Neubert, Fred	5020	16	Feb. 24
Neubert, Charles	5090	1	May 1
Neville, Patrick P	5182	13	July 16
Nichols, Andrew E	8060	2	Oct. 13
Owen, Jay T	5069	3	Apr. 15
Owen, John E	5085	8	Apr. 29
O'Neil, Thomas	8029	16	Sept. 1
O'Connor, John T	8069	11	Oct. 28
Pender, Frank	5061	6	Apr. 8
Pfister, Peter	5158	11	June 23
Parker, Edward E	8067	9	Oct. 26
Reynolds, Thomas E	5018	1	Feb. 19
Rasch, Bert	5021	2	Feb. 24
Ritter, Anthony J	5029	1	Mar. 6
Rowswell, Samuel H	5049	5	Mar. 30
Robinson, George	5125	14	May 27
First assistant engineers—Continued.			
Reed, Ole	5157	8	June 22
Reif, John	5196	17	July 29
Roth, George P	8004	3	Aug. 4
Reid, James	8043	13	Sept. 16
Richey, Hugh	8047	7	Sept. 27
Schafer, Frederick	5034	18	Mar. 13
Schreiber, Louis	5039	1	Mar. 20
Stevens, Relly M	5050	5	Mar. 31
Sommer, Adolph D	5052	2	Apr. 1
Smith, Anthony J	5060	6	Apr. 7
Scott, Albert	5092	5	May 3
Stevens, Stanley	5104	13	May 12
Smith, John	5113	22	May 20
Shaw, Harry L	5190	11	July 24
Schueler, John	8006	11	Aug. 5
Sword, Charles	8009	10	Aug. 9
Simmons, A. E	8010	5	Aug. 10
Smith, John D	8015	14	Aug. 14
Scheer, Martin	8030	14	Sept. 1
Spellman, Thomas	8037	17	Sept. 8
Toomey, Daniel	5037	4	Mar. 18
Thomas, John	5097	12	May 4
Tetterman, William	5172	12	July 6
Toomey, John F	8073	13	Nov. 13
Van Dyke, Peter	5107	6	May 13
Vican, Adam	5166	4	July 1
Williams, John J	5030	7	Mar. 6
Wells, Frank A	5045	9	Mar. 27
White, Francis H	5056	10	Apr. 5
Webb, James	5076	3	Apr. 21
Walmsley, John	5102	16	May 10
Wanegar, Charles C	5111	13	May 17
Whalen, Daniel	5118	3	May 22
Walsh, James R	5120	5	May 24
West, Sheridan J	5123	5	May 25
Warnimont, Peter	5132	10	June 5
Wegland, Samuel A	5133	9	Do.
Wright, Edwin H	5146	13	June 15
Wieland, W. C	5150	8	June 18
White, Frank E	5160	4	June 25
Williams, George	5169	28	July 1
Wein, John F	8031	10	Sept. 2
Waldt, John F	8039	4	Sept. 9
Waldt, James	8065	5	Oct. 22
Woods, Jacob	8078	12	Nov. 29
Special engineers.			
Clark, William L	2901	5	Feb. 20
Flower, Charles	2902	6	Mar. 29
Grant, Alexander	2908	7	Sept. 16
Hawthorne, W. C	2903	1	June 7
Johnson, James	2906	8	July 28
Kinman, Martin T	2907	5	Sept. 14
Parre, Louie A	2904	1	June 30
Scheffel, Henry	2905	4	July 6

LOCAL DISTRICT OF MILWAUKEE, WIS.

Masters and pilots licensed during the year ended December 31, 1897—Milwaukee, Wis.

Name.	No. of license.	No. of issue.	Date of issue.
Anderson, Olief	6317	7	Mar. 18
Anderson, Michael	6374	5	Apr. 20
Anderson, Peter A	6379	17	Apr. 24
Ahlstrom, Charles	6387	14	May 5
Appleby, Charles	6399	11	May 14
Armstrong, William	6435	12	June 26
Ackerman, John C	6489	17	Sept. 6
Bolton, John	6321	15	Mar. 20
Bennett, Henry	6322	4	Do.
Brownell, Edward	6339	11	Mar. 26
Boyce, Leslie E	6360	11	Apr. 8
Berow, Joseph H	6368	23	Apr. 14
Brown, Frank	6370	10	Apr. 15
Bloom, Frank	6372	14	Apr. 19
Brownell, Stephen	6392	7	May 6
Boyd, William	6409	7	May 28
Brodie, John	6424	12	June 10
Babbott, Gust	6434	18	June 25

Masters and pilots licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Bangs, E. P	6454	22	July 24	Hart, C. B	6510	18	Oct. 13
Booth, R	6467	22	Aug. 6	Harrington, Joseph	6519	18	Oct. 26
Bigford, R. O	6484	10	Aug. 30	Imbritt, John W	6496	10	Sept. 20
Bradley, Frederick A	6526	7	Nov. 2	Inglis, William	6507	13	Oct. 7
Bogle, Andrew H	6530	18	Nov. 12	Jamieson, William	6349	11	Apr. 2
Crain, D. P	6313	10	Mar. 15	Johnson, Andrew	6410	11	June 1
Clermont, Lewis	6318	22	Mar. 18	Jollie, Richard	6429	14	June 21
Consaul, Theodore S	6326	9	Mar. 23	Jones, Louis J	6446	10	July 8
Cochrane, John	6351	25	Apr. 5	Johnson, A. J	6486	16	Aug. 31
Clark, Hugh	6352	25	Do.	Johnson, C. W	6493	19	Sept. 18
Coon, George	6363	8	Apr. 10	Jensen, John	6532	6	Nov. 26
Cook, John	6377	12	Apr. 21	Kilton, Manning W	6325	11	Mar. 22
Codding, John	6401	16	May 17	Kelly, Anthony G	6327	6	Mar. 23
Craine, Elmer W	6408	10	May 27	Kelly, Timothy	6382	15	Apr. 24
Cottrell, William E	6421	10	June 8	Kelly, Patrick	6440	12	June 30
Cusick, John A	6423	18	June 9	Kelleher, John J	6498	22	Sept. 21
Cox, Edward	6438	23	June 29	Kirtland, Charles E	6535	23	Dec. 16
Colwell, John	6463	18	Aug. 4	Larson, Peter	6305	8	Feb. 11
Carter, William J	6487	22	Sept. 3	Leisk, James	6311	11	Mar. 9
Crawford, John H	6488	22	Sept. 6	Lindquist, P. A	6332	21	Mar. 24
Chilson, William E	6499	6	Sept. 24	Lund, William	6340	11	Mar. 27
Cady, Dan	6504	11	Oct. 2	Leisk, Henry	6358	12	Apr. 6
Chamberlin, Fred D	6523	21	Oct. 30	Le Clair, Louis	6371	11	Apr. 17
Cheyne, James G	6534	9	Dec. 13	Loftus, Hugh L	6381	16	Apr. 24
Campbell, H. D	6536	24	Dec. 16	Leisk, John	6385	7	Apr. 29
Doyle, John J	6303	11	Jan. 15	La Borde, Luke	6417	8	June 7
Davis, A. B	6304	6	Jan. 22	Lockwood, Charles W	6443	12	July 3
Doak, John A	6336	12	Mar. 25	Larson, Louis	6459	16	July 28
Dunn, Thomas	6348	12	Apr. 2	Londen, Alfred	6478	9	Aug. 19
Doyle, John T	6357	15	Apr. 6	Lusk, Joseph	6511	11	Oct. 13
De Selier, Oliver	6384	19	Apr. 28	McCoy, John	6301	12	Jan. 6
Denessen, John	6400	26	May 17	Marshall, William	6334	11	Mar. 25
Dessett, John H	6419	38	June 7	McGregor, William F	6338	27	Mar. 26
Denessen, William	6426	18	June 12	McGinn, James	6341	31	Mar. 27
Dailey, Michael	6447	18	July 8	Mooney, John	6362	14	Apr. 8
Davis, Charles M	6464	29	Aug. 5	May, Adolph J	6366	9	Apr. 12
Durker, Henry	6515	16	Oct. 25	McGuiggan, Peter	6369	15	Apr. 16
Denis, Joseph	6518	21	Oct. 26	McDougall, D. W	6404	18	May 24
Easson, James	6359	9	Apr. 7	McCumby, Samuel T	6420	6	June 8
Eickmeyer, Frank C	6383	10	Apr. 24	Morgan, Michael F	6427	7	June 14
Egeland, Gabriel	6437	22	June 29	McDonald, William H	6430	5	June 23
Easson, Lawrence A	6442	4	July 3	Marsh, Peter	6436	23	June 27
Ellis, C. H	6500	8	Sept. 24	Miller, Walter L	6452	9	July 22
Eldredge, Hiram C	6525	15	Nov. 1	McSweeney, John	6455	26	July 24
Ellis, Fred H	6527	9	Nov. 5	McKenzie, Angus	6462	10	Aug. 4
Fishbeck, Thomas	6350	16	Apr. 2	Munger, Joseph	6480	24	Aug. 23
Finch, Henry	6367	16	Apr. 12	Maxon, F. C	6490	15	Sept. 10
Foster A	6479	18	Aug. 20	Martell, Joseph	6497	25	Sept. 21
Freeman, C. A	6482	23	Aug. 27	Madden, John	6501	8	Sept. 28
Fish, George M	6502	7	Sept. 28	Marquette, Eugene B	6531	16	Nov. 22
Frank, Louis	6503	11	Sept. 30	Nicholson, William	6323	28	Mar. 22
Gunderson, Nels A	6324	5	Mar. 22	Neff, Sydney O	6356	15	Apr. 5
Gunderson, Gustave	6328	12	Mar. 23	Nicholson, James A	6364	28	Apr. 10
Gartland, Frank	6345	8	Mar. 31	Nelson, Thomas B	6378	6	Apr. 23
Gibbs, A	6361	16	Apr. 8	Nelson, Daniel	6390	10	May 5
Geiger, John	6375	5	Apr. 20	Nolan, John H	6402	17	May 19
Gnewuch, William	6376	19	Apr. 21	Neff, Samuel	6470	23	Aug. 11
Gallagher, Anthony	6388	28	May 6	Neff, W. W	6472	18	Do.
Graves, C. A	6403	14	May 21	O'Brien, James	6302	17	Jan. 7
Grover, William H	6412	14	June 1	Otter, Thomas W	6309	11	Mar. 6
Golden, M	6414	22	June 3	O'Brien, James	6315	17	Mar. 15
Gillen, Edward	6453	13	July 24	Oertling, Herman	6342	6	Mar. 29
Griffin, John L	6469	22	Aug. 10	Oleson, Thomas O	6365	15	Apr. 10
Giddings, H. G	6474	2	Aug. 14	Oleson, Ole	6418	19	June 7
Griffith, Richard	6485	8	Aug. 30	Olson, Samuel	6494	12	Sept. 20
Garrow, Mitchel	6492	14	Sept. 17	Oleson, Martin	6514	17	Oct. 23
Groh, Oley	6426	22	Nov. 10	Odell, Charles D	6517	21	Oct. 25
Hanson, Gunder	6306	1	Feb. 15	Peterson, Peter	6346	8	April 1
Houghton, Fred P	6308	9	Feb. 26	Pitman, A. F	6398	27	May 12
Hart, Edward W	6335	3	Mar. 25	Packard, C. B	6428	21	June 16
Hall, William	6343	10	Mar. 30	Powell, Frank B	6431	7	June 23
Howe, Fred	6354	24	Apr. 5	Phelps, Austin A	6433	18	June 24
Hagerty, Cornelius	6397	9	May 12	Putnam, A. H	6450	18	July 19
Haselbarth, Robert	6405	24	May 26	Pie, Martin L	6461	7	Aug. 2
Hopkins, E. W	6425	7	June 12	Peterson, Peter	6533	12	Dec. 3
Hitz, Herman	6439	24	June 29	Roulette, Pinkney	6331	21	Mar. 24
Hansen, Ole A	6449	13	July 14	Robertson, George	6355	15	Apr. 5
Henry, M. E	6471	12	Aug. 11	Robertson, Hiram W	6389	29	May 5
Honnor, Thomas	6476	28	Aug. 17	Russell, Joseph	6391	24	May 6
Hall, William	6483	4	Aug. 27	Richards, Warren	6411	13	June 1
Hutchins, Frank G	6509	29	Oct. 11	Riley, Michael	6416	29	June 5

Masters and pilots licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Richardson, Thomas	6444	19	July 6	Tellefson, Martin	6314	7	Mar. 15
Reed, O. B	6445	13	Do.	Torgeson, Torge	6353	5	Apr. 5
Ramsey, James J	6451	11	July 20	Tiernan, Francis	6373	26	Apr. 20
Rice, Richard	6457	9	July 26	Tufts, Henry	6394	15	May 11
Ross, Charles D	6468	15	Aug. 10	Thrall, P. F	6395	19	Do.
Reed, Thaxter	6477	7	Aug. 19	Thrall, John H	6448	20	July 14
Riordan, Lawrence W.	6491	16	Sept. 13	Trowell, James F	6466	29	Aug. 5
Rieboldt, Rudolph	6520	1	Oct. 27	Thayer, Charles R	6495	5	Sept. 20
Saveland, Edward	6316	10	Mar. 16	Velte, John	6307	10	Feb. 16
Smith, Matt	6329	13	Mar. 23	Van Rensselaer, John	6432	16	June 23
Soyer, L. M	6330	9	Mar. 24	Williams, William R	6310	14	Mar. 8
Sheehan, James	6396	6	May 11	Wanwig, John D	6312	3	Mar. 11
Stedman, Chester H	6407	6	May 26	Walker, John, jr	6319	11	Mar. 18
Sanders, Smith W	6413	18	June 2	Williams, Edward	6320	4	Do.
Stephens, D. C	6415	7	June 3	Wanwig, Andrew C	6333	10	Mar. 25
Saveland, Theodore	6422	6	June 9	Williams, Richard W	6337	25	Mar. 26
Sullivan, Jerry O	6456	14	July 26	Wright, John A	6344	15	Mar. 30
Sunderland, Robert H	6460	20	July 29	Wilson, John	6347	18	Apr. 2
Schwerman, Fred	6473	10	Aug. 12	Wright, William E	6386	11	May 1
Solean, Oliver J	6475	5	Aug. 17	Webster, H. W	6393	25	May 7
Sullivan, Daniel C	6505	17	Oct. 4	Wilson, Robert C	6406	15	May 26
Shields, Warren L	6508	18	Oct. 11	White, Albert E	6441	20	June 30
Sutherland, William T.	6513	15	Oct. 23	Wall, Daniel	6458	10	July 28
Stines, Henry E	6516	29	Oct. 25	Woods, James O	6465	18	Aug. 5
Stearns, Daniel L	6521	7	Oct. 28	Warrender, Arthur	6481	4	Aug. 25
Schickedantz, Eugene	6522	16	Do.	Williams, Archie M	6506	6	Oct. 7
Steel, Leo	6524	18	Nov. 1	Walper, Henry	6512	7	Oct. 21
Starke, F. C	6529	19	Nov. 12	Yax, Joseph E	6380	24	Apr. 24

Pilots licensed during the year ended December 31, 1897—Milwaukee, Wis.

First-class pilots.				*First-class pilots*—Continued.			
Allison, Martin	4317	7	Mar. 15	Haselbarth, Morris	4378	16	July 31
Anderson, O. L	4400	11	Nov. 17	Janssen, Henry J	4313	6	Mar. 3
Bensen, Jacob	4306	1	Jan. 27	Johnson, George	4388	7	Sept. 4
Barth, Charles	4326	16	Mar. 25	Jacobson, Ben	4399	5	Nov. 4
Barnes, John G	4339	4	Apr. 10	Keegan, Charles H	4331	8	Apr. 1
Brooks, James W	4379	13	Aug. 6	Kearn, Timothy	4334	8	Apr. 5
Babcox, Andrew L	4385	12	Aug. 26	Kraft, Louis	4343	3	Apr. 13
Croissant, Frank W	4311	3	Feb. 24	Kerwin, Robert	5502	12	Dec. 13
Carrington, Ernest	4316	10	Mar. 11	Lanaway, James	4328	12	Mar. 29
Clapp, James H	4320	10	Mar. 17	Legot, Louis	4342	19	Apr. 10
Cusick, James	4344	9	Apr. 16	Laurie, John M	4361	3	May 26
Coughell, Charles W	4350	5	May 1	LeFlour, William	4375	6	July 14
Clark, M. C	4362	6	May 27	Lorenz Fred	4387	4	Sept. 4
Creteux, Charles	4365	21	June 9	McManus, James	4303	20	Jan. 6
Cooley, E. G	4372	7	July 9	Morrow, Edward W	4312	3	Feb. 27
Cary, Woodbridge Geo.	4374	6	July 14	McGary, Edward	4330	4	Mar. 31
DeLong, Robert	4309	7	Feb. 11	Matthews, James T., jr.	4345	7	Apr. 16
Doak, Alexander	4315	11	Mar. 11	Martin, John	4357	8	May 10
Delano, Antone	4346	11	Apr. 17	Maitre, Frank	4360	8	May 26
Driscoll, John	4363	14	June 2	Mahnke, August	4377	17	July 22
Doyle, Nicholas	4368	8	June 22	McHugh, John	4381	12	Aug. 9
Decoto, Levi	5501	10	Dec. 1	Morrow, William	4383	9	Aug. 18
Dean, Millard	5503	18	Dec. 16	Minor, Stanton	4386	6	Sept. 3
Egan, William H	4329	9	Mar. 29	McFadyen, Lachlen	4396	10	Oct. 18
Evenson, Arnold	4332	4	Apr. 2	Neuschaefer, Fred	4304	1	Jan. 19
Elsey, D. Bethune	4354	11	May 6	Nelson, Thomas	4333	9	Apr. 3
Eliason, Alexander	4380	9	Aug. 7	Nitka, Michael	4353	15	May 5
Elderkin, Edward	4393	11	Oct. 5	Nygaard, M	4359	16	May 19
Fish, James	4305	1	Jan. 19	Nicholson, James M	4369	8	June 23
Fleming, Patrick H	4341	5	Apr. 10	Oertling, William	4324	7	Mar. 23
Fiedler, William	4397	3	Oct. 20	Olson, Andrew	4335	9	Apr. 5
Gotham, George B	4302	4	Jan. 6	Plain, Peter	4301	14	Jan. 6
Gleason, Austin M	4322	7	Mar. 22	Plummer, William	4351	4	May 3
Garrity, Thomas	4323	3	Do.	Peterson, Peter	4398	8	Oct. 30
Gordon, Charles	4367	9	June 15	Randolph, George	4308	5	Feb. 10
Hohn, Louis	4307	5	Feb. 2	Roberts, William	4327	11	Mar. 25
Hendriksen, Otto	4319	3	Mar. 16	Rogers, Thomas	4338	11	Apr. 8
Hays, John	4321	2	Mar. 20	Roulette, J. T	4370	8	July 8
Hansen, Edward	4325	5	Mar. 24	Rasmussen, Peter	4371	3	July 9
Hammer, Charles	4336	10	Apr. 5	Redline, Joseph	4391	12	Sept. 18
Honner, George W	4340	8	Apr. 10	Ramage, D. L	4395	17	Oct. 14
Hinderman, George	4349	12	Apr. 26	Schmidt, Gustavus A	4310	4	Feb. 15
Hansen, John H	4364	9	June 7	Sonnemann, William	4314	11	Mar. 6

Pilots licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Stevens, Elisha	4318	10	Mar. 16
Schneider, George	4347	10	Apr. 20
Stephens, Edward L	4348	5	Apr. 26
Stines, George H	4356	10	May 8
Swinning, Joakin	4358	11	May 18
Stover, John	4384	6	Aug. 24
Tonkins, Frederick L	4337	7	Apr. 6
Tamms, Cornelius	4352	9	May 3
Thorson, Spren A	4373	8	July 12
Templeton, Allen C	4394	15	Oct. 8
Unbehoun, Louis	4355	9	May 7
Wexstaff, Eugene H	4366	14	June 14
Wilbur, A. B	4376	6	July 20
Webster, Dean S	4382	10	Aug. 14
Wolf, John	4389	18	Sept. 11
Walch, John	4390	6	Sept. 14
Williams, William	4392	10	Oct. 2
Second-class pilots.			
Anderson, Peter	4206	5	Jan. 22
Allie, Nelson	4230	14	Mar. 24
Allen, Charles W	4232	7	Mar. 25
Anger, William	4268	15	May 18
Anderson, Wilbur	4272	10	May 26
Aminsen, James	5827	7	Aug. 18
Allie, Eugene	5868	15	Dec. 13
Beson, Peter	4218	5	Mar. 3
Barr, William	4235	2	Apr. 2
Bridges, James	4246	10	Apr. 14
Berg, Justus Z	4254	2	Apr. 28
Bebean, Edmund	4300	3	July 6
Baxter, A. L	5829	10	Aug. 26
Brauer, William F	5842	1	Sept. 25
Batchelder, Peter C	5847	7	Oct. 6
Boprey, Louis	5856	10	Nov. 5
Bonn, Henry	5863	12	Nov. 26
Christensen, Edward	4223	1	Mar. 15
Christofferson, Andrew	4266	8	May 11
Campbell, John D	4270	11	May 20
Cornell, Ulysses S	4279	5	June 12
Cook, Jacob Frank	5802	2	July 7
Collette, Levi	5811	6	J ly 21
Caswell, Leonard F	5830	7	Aug. 27
Calloway, James	5832	7	Sept. 7
Crawford, John G	5835	7	Sept. 8
Collins, Omer D	5845	5	Oct. 4
Cole, Raymond	5865	2	Nov. 30
Denessen, Theodore J	4261	11	May 5
Denessen, Joseph	4262	11	Do.
Donahue, Joseph	4298	2	July 3
Daffoe, Joseph E	5851	13	Oct. 13
Eichler, Frank	4210	12	Feb. 24
Ewer, Charles J	4240	1	Apr. 5
Eermisse, John	4299	2	July 6
Flaherty, William H	4242	1	Apr. 10
Gust, Henry	4201	13	Jan. 2
Gunderson, George T	4212	5	Feb. 27
Gunderson, Andrew	4214	6	Do.
Graham, E. B	4243	4	Apr. 10
Geneit, John	4256	16	Apr. 28
Gay, Thomas G	4269	10	May 19
Garrow, Mark	4273	1	June 7
Groh, William	4275	14	June 10
Guinen, Thomas	5804	8	July 8
Gagnon, Jonas	5807	16	July 14
Grosse, G. A	5808	12	July 16
Grosse, G. A., jr	5818	7	July 31
Graham, Donald	5822	4	Aug. 10
Gunderson, Theodore	5824	4	Aug. 12
Gardner, H. D	5843	9	Sept. 27
Hyttel, Charles M	4204	5	Jan. 18
Hogan, John	4209	8	Feb. 3
Hacker, Ferdinand W	4229	12	Mar. 23
Hovey, Edward	4234	10	Apr. 1
Hermann, Fred	4236	8	Apr. 2
Heyman, Thorsten	4253	3	Apr. 24
Haakensen, H. E	4264	7	May 7
Second-class pilots—Continued.			
Henke, E. L	4282	2	June 17
Harvey, George J	5841	2	Sept. 25
Hill, Ludlow L	5861	9	Nov. 16
Johnson, John	4227	10	Mar. 20
Jefferson, Albert R	4245	3	Apr. 12
Jacho, Fred	5828	13	Aug. 23
King, Frederick	4251	3	Apr. 21
Kiss, Ignatius	4252	5	Apr. 22
Kelley, John M	4284	1	June 18
Keegan, John	5820	3	Aug. 9
Kuhlman, Ben	5871	1	Dec. 22
La Fond, John	4219	14	Mar. 8
Lezotte, Frederick	4265	14	May 11
Lenz, George	4295	7	June 30
Lehman, William	5806	5	July 12
Lathrop, George Q	5817	2	July 30
La Fond, Peter	5827	8	Aug. 9
Lutsey, George E	5831	8	Aug. 30
Livermore, R. G	5858	9	Nov. 13
Laurie, Alex. R	5869	10	Dec. 13
Mutinga, G	4207	14	Jan. 26
Mastan, Charles	4216	13	Mar. 2
Murphy, John	4233	16	Mar. 30
Miller, Christian N	4246	6	Apr. 16
McMullen, Alexander	4255	4	Apr. 28
Martell, Joseph, jr	4257	7	Do.
Mahnke, William	4259	7	May 1
Mulvaney, Barnard	4267	13	May 17
Miller, Jacob	4280	7	June 14
McCummings, De Los	4281	7	June 17
Metzen, James	5812	1	July 23
Marshall, Samuel	5867	16	Dec. 13
Noesen, Theodore	4263	15	May 5
Napier, Harry N	5809	2	July 16
Oakley, James	4208	4	Jan. 26
Otto, William	4217	5	Mar. 3
Olson, Samuel	4250	4	Apr. 20
Perry, Daniel E	4274	7	June 9
Pishon, Wilfird A	4289	13	June 26
Pooler, C. H	4290	19	Do.
Pooler, Calvin H., jr	5810	6	July 17
Peelen, Theodore	5813	17	July 24
Paul, Robert E	5825	6	Aug 17
Pahlkotter, Henry	5855	2	Nov. 1
Rodigan, Emmitt	4224	2	Mar. 16
Robinson, William	4228	1	Mar. 20
Randolph, John	4292	2	June 28
Remington, Fred	4293	2	Do.
Regan, Daniel	5836	13	Sept. 9
Smith, Richard	4202	16	Jan. 6
Sonnemann, E. A	4220	14	Mar. 10
Saunders, John	4221	1	Mar. 13
Simons, John	4222	1	Mar. 15
Schramm, Frederick	4226	25	Mar. 18
Stewart, Alexander	4247	6	Apr. 15
Snider, Frank E	4260	1	May 3
Schraut, Fred A	4287	10	June 22
Sinclair, Charles A	5816	3	July 29
Schramm, Theodore	5837	5	Sept. 9
Smith, Charles	5839	9	Sept. 18
Schultheis, Conrad	5846	24	Oct. 5
Smith, George	5857	2	Nov. 12
Seitz, George	5862	5	Nov. 26
Snyder, William T	5864	14	Nov. 29
Thorsen, Charles	4205	6	Jan. 20
Tufts, Frank	4239	7	Apr. 5
Troy, Henry	4244	7	Apr. 10
Torstenson, Ole H	4248	5	Apr. 15
Tessler, Charles	5805	7	July 9
Tufts, James	5844	8	Sept. 28
Travis, David	5854	17	Oct. 21
Van Ells, Andrew M	4215	6	Feb. 27
Van Buren, Charles H	4271	4	May 24
Warner, George E	4213	6	Feb. 27
Wilson, George S	4241	7	Apr. 5
Wright, George F	4288	12	June 23
White, C. R	5823	5	Aug. 12
Williams, Homer	5860	7	Oct. 16

Pilots licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special pilots.				*Special pilots*—Cont'd.			
Allie, John	5866	5	Dec. 1	Luebke, Herman	5834	1	Sept. 7
Bloom, David W	4283	1	June 17	La Fond, Edward F	5870	2	Dec. 18
Belz, Albert	4297	2	July 1	Muhlenberg, Henry	5850	3	Oct. 15
Chambers, Patrick	4238	4	Apr. 5	O'Conner, Frederick	4294	1	June 29
Clark, William E	4258	4	Apr. 30	Peterson, Peter	5838	5	Sept. 9
Churchill, William	5815	10	July 28	Ricketson, Frederick B.	5801	1	July 7
Duclon, Ambrose	5826	3	Aug. 15	Ripley, Alton	5852	3	Oct. 16
Ewig, Emil	4237	4	Apr. 5	Rideot, W. K	5853	6	Do.
Elliott, Stephen	4285	3	June 18	Sandrock, Louis	5803	4	July 8
Gates, George W	4286	2	June 19	Smith, De Los H	5819	2	Aug. 3
Grosse, Fred	4296	5	June 30	Sweeda, W. Walter	5833	1	Sept. 7
Herrmann, Antone	4203	4	Jan. 16	Schramm, William	5840	3	Sept. 24
Harder, Charles	4231	3	Mar. 24	Stevens, John	5859	3	Nov. 15
Hall, Charles L	4277	2	June 12	Topel, Ferdinand	4276	2	June 11
Irr, Valentine	5848	5	Oct. 7	Treu, Emil C	5849	3	Oct. 7
Klunder, Albert H	4211	2	Feb. 24	Wilkins, William	4278	2	June 12
Kryzinski, Theodore A.	4291	1	June 26	Waite, Fred'k Eugene.	5814	12	July 28
Lashua, William	4225	5	Mar. 18				

Joint pilots and engineers licensed during the year ended December 31, 1897—Milwaukee, Wis.

Cook, Ossian	1605	4	May 13	McMillan, Thomas	1606	7	June 19
Clark, Cadwell A	1611	1	June 25	Manlick, Charles G	1615	1	Aug. 31
Clements, Robert	1612	3	July 7	Pountain, Willis J	1620	3	Oct. 13
Clendening, Charles F.	1613	7	July 24	Park, John M	1621	2	Nov. 3
Guenther, O. B	1603	2	Mar. 10	Radford, Charles W	1614	4	Aug. 3
Grosse, Charles, jr	1608	5	June 22	Wheeler, William E	1601	4	Feb. 27
Grosse, William, jr	1609	6	June 23	Wick, William	1602	2	Mar. 4
Gibson, Harry F	1619	1	Oct. 4	Woodruff, Frank	1607	5	June 21
Knudson, Hans	1616	5	Sept. 6	Wilkins, George	1610	2	June 25
Leveille, Joseph	1617	2	Sept. 14	Windross, George	1618	5	Sept. 23
McDonald, Elmer	1604	5	Mar. 23				

Engineers licensed during the year ended December 31, 1897—Milwaukee, Wis.

Chief engineer (ocean).				*Chief engineers (inland)*—Continued.			
Purcell, Mathew	11318	21	July 12	Costello, Marshal	11265	13	Apr. 28
				Coons, Frank	11268	28	May 1
Chief engineers (inland).				Christensen, Peter	11285	11	May 27
				Coulter, George	11289	16	June 1
				Clark, H. P	11293	14	June 7
Ashby, Joel	11224	15	Mar. 5	Curry, James	11298	11	June 12
Albrighten, Thomas	11246	20	Apr. 12	Collette, Louis	11330	15	July 23
Amerman, Wallace W.	11345	10	Aug. 10	Cavanagh, William M	11332	19	July 26
Anderson, Ole F	11356	17	Aug. 30	Churchill, William C	11334	16	July 27
Ahern, William, jr	11361	18	Sept. 6	Clark, Myron I	11364	10	Sept. 8
Asby, Richard	11377	16	Oct. 13	Chapman, Charles B	11378	18	Oct. 13
Austen, Joseph F	11382	13	Oct. 27	Collins, Jeremiah	11380	29	Oct. 26
Burton, Hollis M	11207	4	Jan. 6	Devlin, John	11202	15	Jan. 6
Bridges, William	11226	4	Mar. 12	Desmond, John D	11223	5	Mar. 4
Bendschneider, Chas	11229	8	Mar. 18	De Clute, Harry J	11232	9	Mar. 22
Buckman, Henry C	11239	12	Apr. 5	Davis, Samuel C	11250	16	Apr. 16
Beale, William H	11290	21	June 2	Dixon, Edward	11253	18	Apr. 20
Bangs, E. P	11331	19	July 24	Dory, Thomas	11270	14	May 4
Becker, Simon	11344	10	Aug. 9	Denessen, Theodore J	11271	11	May 5
Bird, Frank	11351	16	Aug. 23	Denessen, Joseph	11272	13	Do.
Becker, Nicholas	11367	23	Sept. 14	Denessen, John	11276	29	May 17
Brett, Daniel	11369	23	Sept. 18	Driscoll, Michael	11282	10	May 26
Blonden, Moses	11375	5	Oct. 5	Daly, James J	11297	17	June 12
Burns, Michael	11386	10	Nov. 3	Dailey, Michael	11314	21	July 8
Bunker, Joseph	11388	15	Nov. 5	Denis, Paul	11368	20	Sept. 18
Brown, Lawrence	11389	10	Do.	Delaney, Edward	11370	13	Sept. 21
Blazer, Andrew	11393	19	Nov. 12	Denis, Charles R	11376	24	Oct. 13
Conway, John J	11206	7	Jan. 6	Eaton, John E	11213	18	Feb. 10
Cantwell, John J	11225	14	Mar. 6	Ernst, Henry	11284	17	May 27
Charnrock, John	11230	11	Mar. 20	Engel, William	11295	15	June 7
Chipman, George P	11231	7	Mar. 22	Edwards, George W	11311	13	July 6
Conniff, Patrick	11242	13	Apr. 10	Eichhorn, Julius	11313	14	July 7
Conley, Michael	11262	27	Apr. 27	Evans, Henry H	11338	17	July 31

Engineers licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Engel, Gustaf	11341	16	Aug. 3
Fogg, John	11209	19	Jan. 19
Fortier, Arthur R	11238	11	Apr. 2
Flint, Raymond, jr	11283	25	May 27
Flint, Senica L	11303	17	June 23
Forsythe, Charles G	11306	20	June 25
Foley, James	11315	25	July 10
Ferrel, John P	11321	20	July 15
Flynn, John	11348	7	Aug. 16
Freeman, C. A	11355	27	Aug. 27
Glover, Wilbur	11217	11	Feb. 13
Grobben, Charles H	11240	15	Apr. 6
Grant, James	11254	18	Apr. 20
Gould, Charles	11255	27	Apr. 21
Gregg, Harry J	11261	5	Apr. 26
Gleeson, John M	11277	16	May 18
Germanson, Chris	11279	17	May 21
Gill, Joe	11300	5	June 21
Greilick, Henry	11323	8	July 17
Gagnon, Peter	11381	20	Oct. 26
Gregory, William F	11384	26	Oct. 28
Hicks, Egbert H	11212	9	Feb. 10
Habemeyer, Charles	11214	14	Feb. 12
Hitz, Oscar H	11216	2	Do.
Huerth, Fred	11218	14	Feb. 16
Hunter, William R	11243	14	Apr. 10
Helmholz, W. O	11257	20	Apr. 22
Haslam, James	11299	20	June 12
Harrington, Joseph	11304	17	June 23
Hamlin, Le Roy	11305	17	Do.
Hammond, Daniel	11326	16	July 21
Hosenfuss, Jacob	11350	13	Aug. 20
Holt, Mark D	11358	20	Aug. 31
Haverlick, Jeremiah	11397	32	Nov. 26
Ingram, Thomas	11237	30	Apr. 2
Ives, Frank A	11336	12	July 31
Johnson, Henry	11347	20	Aug. 16
Koehn, William	11205	11	Jan. 5
Keister, George W	11244	16	Apr. 10
Kynaston, William, jr	11251	19	Apr. 17
Krach, Joseph J	11319	19	July 12
Keating, Frank	11325	31	July 19
Krueger, Louis	11339	14	Aug. 2
Kimber, Frank	11379	16	Oct. 20
Leggatt, Savery B	11208	17	Jan. 8
Larson, Carl J	11221	17	Mar. 2
Lemere, Thomas	11228	13	Mar. 16
Lowgy, John E	11235	10	Mar. 29
Larson, Mandius	11245	7	Apr. 10
Larson, John L	11260	13	Apr. 26
Leonard, David H	11292	12	June 7
Lucas, James	11307	12	June 25
Le Fevre, W. W	11363	18	Sept. 8
Leaf, John	11374	15	Oct. 4
McLaren, Finlay	11201	18	Jan. 6
Mertes, John	11203	15	Do.
Mommsen, Manerd	11210	23	Jan. 30
McMillin, John R	11219	4	Feb. 25
Mann, Sherman	11227	15	Mar. 15
Manning, John P	11233	2	Mar. 27
Marsh, Roey	11247	5	Apr. 12
McMillan, Dennis	11252	11	Apr. 17
Meeh, Edward	11256	14	Apr. 21
McLaney, Thomas	11263	14	Apr. 27
Murphy, Thomas	11266	14	Apr. 29
Martin, Joseph	11281	20	May 25
Markham, Charles W	11291	18	June 7
Moreland, Charles C	11296	23	June 8
Muzzy, J. L	11301	17	June 21
Meutch, A	11302	7	Do.
McCallum, Hugh	11308	16	June 25
Millar, James C	11316	17	July 10
McCarthy, Mike	11320	24	July 13
Murray, James E	11329	22	July 22
Mayr, Andrew	11366	16	Sept. 14
McLean, William	11387	7	Nov. 3
Machia, David	11392	24	Nov. 10
McGuirk, James	11394	29	Nov. 13
Chief engineers (inland)—Continued.			
McNalley, James	11398	27	Nov. 26
McCord, James	11399	13	Do.
Marshall, S. M	12001	18	Dec. 13
McLaren, Robert	12002	16	Dec. 20
Nordman, Julius G	11204	8	Jan. 6
Noble, William	11215	18	Feb. 12
Noble, Jacob A	11309	24	Apr. 26
Neider, Felix	11310	20	July 1
Olson, Christ	11258	14	Apr. 24
Oakley, William	11343	22	Aug. 6
Pinkham, William H	11248	24	Apr. 14
Preston, George	11249	19	Do.
Patterson, William R	11259	19	Apr. 26
Purvis, George	11273	6	May 6
Perry, Charles L	11317	18	July 12
Pratt, Scott	11322	30	July 15
Parker, M. O	11390	23	Nov. 6
Parker, Marcus W	11391	23	Nov. 9
Packard, Joseph E	11396	10	Nov. 26
Rusch, William C	11340	16	Aug. 3
Rebholz, Andrew	11342	8	Aug. 4
Reed, Thaxter	11349	10	Aug. 19
Risch, George	11352	10	Aug. 24
Rasmussen, Edward D	11357	18	Aug. 30
Ritchie, Joshua	11360	16	Sept. 3
Roulette, Alexander	11383	17	Oct. 28
Rowin, Orin L	11385	5	Oct. 29
Rasmussen, Henry R	11395	17	Nov. 17
Schnerdewing, Ernst	11220	16	Mar. 2
Staley, Alex C	11236	19	Mar. 30
Stone, Lewis H	11241	18	Apr. 6
Sullivan, Peter	11264	22	Apr. 28
Smith, John	11274	24	May 7
Simons, L. W	11275	21	May 13
Sweatman, Joseph A	11288	21	June 1
Smick, Joseph P	11294	14	June 7
Sandrock, Charles	11312	16	July 7
Simons, James M	11327	19	July 22
Schramm, Julius	11328	23	Do.
Smith, Nicholas J	11333	23	July 26
Schroeder, Julius	11335	16	July 28
Schraut, Fred A	11346	22	Aug. 14
Sherman, Daniel H	11362	19	Sept. 8
Thrall, Horace R	11234	29	Mar. 29
Thompson, Fred A	11287	20	June 1
Toseland, Thomas	11354	18	Aug. 25
Tryon, George	11365	10	Sept. 14
Thompson, Henry C	11372	11	Sept. 23
Trogel, Frederick	11373	25	Sept. 28
Vansistine, A. B	11353	18	Aug. 25
Vaughn, Charles	11359	15	Sept. 1
Van Ells, A. M	11371	26	Sept. 23
Wheelock, Henry C	11222	15	Mar. 3
Weber, Peter	11267	25	May 1
Wilcox, A. W	11269	20	May 3
Wondrasek, Charles	11278	12	May 19
Wirth, Phillip K	11280	13	May 21
Weber, Joseph	11286	10	May 27
Wilcox, Charles	11324	25	July 19
Wanio, James	11337	17	July 31
Witzel, Fred	11400	22	Dec. 7
Ziegahn, Fred	11211	12	Feb. 2
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Bloodgood, Hiram P	5723	10	July 6
Finch, Henry	5715	13	June 9
Ferris, Charles	5746	12	Aug. 27
Schraut, George A	5750	14	Sept. 14
First assistant engineers.			
Auld, William	5609	5	Jan. 16
Allie, Frank	5611	5	Do.

Engineers licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of isssue.
First assistant engineers—Continued.			
Anderson, Albert	5613	3	Feb. 1
Anderson, Martin	5634	3	Feb. 27
Ahern, Henry	5657	3	Mar. 18
Allen, Charles W	5668	10	Mar. 25
Ackerman, E. T	5706	11	May 25
Arnold, Albert	5734	1	July 29
Berger, Charles H	5603	10	Jan. 6
Blanert, Berthold	5614	7	Feb. 1
Bork, Joseph	5651	9	Mar. 12
Braeger, Frederick	5682	13	Apr. 16
Baker Loyal	5712	16	June 3
Borden, Harry	5732	5	July 24
Briggs, Alva	5740	11	Aug. 14
Baker, Fred L	5761	7	Oct. 18
Baumert, William	5767	7	Nov. 6
Conroy, Mark	5607	11	Jan. 12
Carr, George	5635	7	Feb. 27
Casey, James	5654	2	May 15
Clermont, Lewis	5658	16	May 18
Clow, David D	5667	1	Mar. 25
Coyo, William	5675	4	Apr. 2
Clark, Elmer E	5724	2	July 8
Cantwell, James T	5743	4	Aug. 20
Cress, Elias	5752	15	Sept. 20
Cofrin, Ashley	5774	9	Dec. 7
Cook, William J	5775	7	Dec. 14
Dusold, Edward	5621	7	Feb. 10
Dawson, Gustav	5632	2	Feb. 27
Daly, Edwin	5643	8	Mar. 5
Doucett, Edgar	5653	4	Mar. 13
Devine, Henry	5664	3	Mar. 24
Denessen, Henry	5670	5	Mar. 27
Davis, Charles R	5689	12	Apr. 26
Driscoll, Michael H	5693	8	May 5
Denessen, Cornelius	5695	9	Do.
Dunman, Henry	5718	11	June 18
Dolbear, John	5759	6	Oct. 9
Elward, William	5618	13	Feb. 6
Enderby, John T	5642	2	Mar. 5
Erickson, Edward	5681	6	Apr. 15
Edwards, Robert J	5685	6	Apr. 20
Evans, John D	5694	13	May 5
Eichler, William	5702	13	May 16
Egbert, James	5773	7	Nov. 26
Fraser, James	5608	3	Jan. 15
Flynn, Timothy T	5633	2	Feb. 27
Fry, Jacob	5659	12	Mar. 19
Flint, John A	5662	9	Mar. 22
Frisk, John V	5665	8	Mar. 25
Feeney, Francis	5696	12	May 6
Foster, H. A	5742	12	Aug. 20
Galbraith, Archie	5616	4	Feb. 3
Graff, William	5625	5	Feb. 12
Garrow, Edward M	5629	10	Feb. 19
Griebling, William H	5655	5	Mar. 16
Ganthier, John	5656	1	Mar. 17
Goldsborough, E. W	5677	5	Apr. 3
Goss, John D	5679	1	Apr. 10
Garot, Joseph	5722	7	July 6
Geneisse, Gust	5737	16	Aug. 6
Garrow, Mitchel	5751	6	Sept. 17
Gardner, H. D	5753	8	Sept. 23
Gill, George	5757	4	Oct. 7
Glause, Henry F	5776	11	Dec. 16
Hoffman, Otto	5604	3	Jan. 6
Harkins, Thomas	5610	3	Jan. 16
Hasse, Fred	5644	3	Mar. 8
Hill, W. W	5684	6	Apr. 17
Hanson, Charles C	5687	6	Apr. 23
Hagen, Frank H	5691	6	May 1
Hammer, Charles G	5698	7	May 15
Haverlick, Frank	5707	14	May 25
Humphrey, Hiram	5716	10	June 9
Howell, Rolland	5730	8	July 21
Harvey, Nelson P	5738	9	Aug. 7
Herman, Martin	5744	7	Aug. 21
Hill, Walter	5754	2	Sept. 24
Henell, Emil	5765	12	Oct. 1
First assistant engineers—Continued.			
Hetrick, James	5763	3	Oct. 25
Haslem, William	5766	14	Nov. 3
Hogerty, Edward	5769	8	Nov. 12
Heineman, Fred W	5778	9	Dec. 21
Jorsch, John P	5622	4	Feb. 11
Jahn, Emil	5647	2	Mar. 9
Juneman, Julius	5699	14	May 17
Jones, Thomas R	5731	12	July 24
Kneling, Paul	5636	1	Feb. 27
Killian, Frank P	5661	2	Mar. 20
Keenan, William	5666	11	Mar. 25
Keating, Alvan R	5673	8	Apr. 2
Kuehn, August	5755	17	Sept. 25
Kimben, Frank	5762	18	Oct. 20
Kersten, John	5777	6	Dec. 17
Layman, Martin	5639	2	Mar. 4
Londen, William	5660	1	Mar. 20
Langlois, Edward	5697	6	May 11
Lanagan, jr., Andrew M	5726	13	July 10
Langfeld, William	5745	12	Aug. 26
Larsen, Frank	5758	1	Oct. 8
Miller, Leonard	5602	13	Jan. 6
McLeod, Allen	5623	1	Feb. 11
Maxon, F. C	5630	11	Feb. 24
McLaughlin, Frederick	5637	2	Mar. 1
Monroe, Charles	5640	6	Mar. 4
McCabe, John	5669	4	Mar. 26
Martin, William M	5676	11	Apr. 3
Martin, Thomas R	5683	4	Apr. 17
Meyers, Theodore A	5686	4	Apr. 22
Mulvaney, Barnard	5701	15	May 17
Morrison, Louis	5714	10	June 4
Moody, Ira W	5717	6	June 17
Nargal, Ernst R	5601	2	Jan. 2
Oakley, James	5764	13	Oct. 29
Prevot, Joseph	5620	4	Feb. 10
Patterson, Elmer	5646	2	Mar. 8
Praeger, Charles J	5649	2	Mar. 10
Peroutka, Joseph	5650	6	Mar. 11
Patterson, Walter	5652	2	Mar. 13
Pilon, Edward J	5663	5	Mar. 22
Purcell, William J	5692	7	May 4
Peters, Joseph	5705	14	May 22
Pakenkopf, Herman	5708	13	May 26
Pooler, James S	5760	2	Oct. 16
Quick, James	5772	9	Nov. 26
Reynders, George	5627	2	Feb. 12
Russell, Fred J	5628	13	Do.
Russell, Fred	5641	6	Mar. 4
Rasmeissen, Willie F	5680	3	Apr. 10
Ritchter, Fred S	5703	3	May 21
Risch, William	5771	3	Nov. 26
Shipper, Walter W	5615	4	Feb. 2
Serta, John P	5626	5	Feb. 13
Sanville, Abel	5638	15	Mar. 1
Smith, Sherman A	5645	1	Mar. 8
Smith, A. H	5674	4	Apr. 2
Schloerb, William	5704	14	May 21
Shay, Daniel	5739	25	Aug. 11
Stokke, Herold	5741	6	Aug. 19
Sanders, Olaf	5765	8	Nov. 1
Seitz, Joseph	5770	6	Nov. 26
Terwilliger, John B	5606	3	Jan. 9
Thatcher, Leroy	5617	1	Feb. 3
Trogel, Frank	5671	14	Mar. 30
Tesar, Stephen J	5672	1	Do.
Topping, Fred S	5711	2	June 1
Tesar, James	5719	7	June 21
Tetro, Fred	5725	5	July 8
Thompson, Henry J	5748	3	Aug. 30
Thaek, William O	5749	13	Sept. 9
Vander Bloomen, Theo	5747	3	Aug. 27
White, Walter E	5605	11	Jan. 8
Welson, Frederick	5612	14	Jan. 27
Wereley, Robert	5619	4	Feb. 6
Wetzel, Frederick	5624	15	Feb. 11
Winkel, Adolph E	5631	4	Feb. 27
Weber, Edward	5648	5	Mar. 10

Engineers licensed—Milwaukee, Wis.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Williams, George H	5709	11	May 27
Wright, F. C	5710	8	June 1
Wright, George F	5720	13	June 23
West, Albert J	5721	13	June 29
Wild, Edward F	5727	9	July 12
Walker, John B	5733	10	July 27
Willix, Lorenzo	5735	15	July 30
Wiese, Edward F	5768	1	Nov. 8
Young, Willard F	5688	8	Apr. 26
Second assistant engineers.			
Dueno, Frank	5678	10	Apr. 6
Grosse, Gustavus	5728	11	July 16
Kerwin, Michael	5713	14	June 4
Radcliff, Henry	5729	5	July 20
Shaw, James	5690	15	Apr. 30
Tullock, W. R	5700	7	May 17
Tessler, Albert A	5736	4	Aug. 4
Special engineers.			
Boettcher, Bernard J	3305	5	Apr. 21
Bacon, Wilbur W	3306	4	Aug. 30
Bloom, Frederick A	3322	2	July 16
Burroughs, F. S	3332	5	Sept. 27
Belz, Albert	3333	4	Sept. 29
Balzer, Emil	3334	3	Oct. 8
Boprey, Louis	3337	6	Nov. 5
Special engineers—Continued.			
Doman, H. C	3316	2	June 26
Duclon, jr., William	3321	2	July 14
Derksen, Herman C	3325	9	July 27
Eernisse, Isaac	3315	2	June 24
Freyberg, Herman	3307	3	May 5
Grosse, George	3303	3	Apr. 14
Grosse, Fred	3318	5	June 30
Goldsmith, A. D	3320	4	July 13
Green, Fred J	3323	5	July 16
Glisch, John F	3326	1	Aug. 14
Hall, Joseph W	3308	3	May 19
Heck, W	3312	2	June 17
Jorgenson, Frank O	3319	5	July 9
Johnson, Andrew	3331	7	Sept. 21
Kocerovsky, Antone	3309	4	May 25
Kugler, Charles	3317	1	June 26
Kitchen, John E	3324	5	July 23
Macklin, William H	3311	2	June 14
Nelson, August	3301	3	Feb. 27
Obenberger, Frank P	3304	1	Apr. 21
Oleson, Harvey O	3314	1	June 21
Palmeter, George F	3327	5	Aug. 16
Palmeter, D. C	3328	5	Do.
Peterson, Peter	3336	3	Nov. 1
Quont, James B	3330	8	Aug. 30
Ripley, Mont	3302	2	Feb. 27
Rideout, Walton K	3335	4	Oct. 16
Smith, Herbert C	3313	2	June 21
Topel, Ferdinand	3310	2	June 11
Wilkins, William	3329	3	Aug. 19

LOCAL DISTRICT OF PORT HURON, MICH.

Masters and pilots licensed during the year ended December 31, 1897—Port Huron, Mich.

Name.	No. of license.	No. of issue.*	Date of issue.
Anderson, Edward B	6031	10	Feb. 9
Akers, Earl C	6038	7	Feb. 12
Atwell, John	6086	29	Mar. 16
Armstrong, William N.	6094	13	Mar. 18
Ainsworth, Charles	6149	10	Apr. 10
Allum, Edward	6174	19	Apr. 23
Armstrong, Richard	6177	26	Apr. 24
Anderson, William N	6193	11	May 1
Ashley, Walter A	6218	17	May 20
Armstrong, Byron	6246	14	June 16
Ames, Hiram	6267	33	July 15
Barclay, Fred. W	6013	21	Jan. 23
Burns, William F	6017	14	Jan. 28
Begg, Alex	6039	6	Feb. 12
Beall, Alfred R	6046	6	Feb. 15
Barrett, William	6049	8	Feb. 18
Burnham, Samuel H	6051	27	Feb. 19
Boshaw, Oliver	6054	15	Feb. 23
Bradshaw, John L	6063	11	Mar. 3
Bunce, George	6069	5	Mar. 6
Bowen, Albert	6079	7	Mar. 11
Burrows, Arthur W	6084	8	Mar. 13
Buzzard, Walter H	6089	10	Mar. 16
Brown, Claud D	6095	8	Mar. 18
Budd, Melvin A	6116	12	Mar. 27
Buzzard, Edward J	6122	9	Mar. 29
Buzzard, John	6123	8	Do.
Baby, James W	6134	15	Mar. 31
Black, Charles W	6172	14	Apr. 23
Brown, William T	6173	30	Do.
Bennett, Henry	6176	25	Apr. 24
Bennett, James W	6182	23	Apr. 26
Bonnah, Andrew J	6196	16	May 4
Bowen, George H	6211	9	May 13
Bennett, George J	6215	8	May 17
Bartlett, John L	6232	19	June 3
Brines, James	6276	21	July 30
Bouille, David	6277	8	Do.
Broadbridge, Alfred T.	6280	16	Aug. 5
Burrington, Riley M	12103	36	Sept. 11
Bontell, Fred E	12110	6	Sept. 30
Berridge, George A	12114	15	Oct. 11
Case, George W	6010	13	Jan. 18
Case, Sidney H	6021	11	Feb. 2
Currie, Thomas	6025	23	Feb. 4
Charters, Fred. S	6026	4	Feb. 5
Clark, Thomas E	6036	2	Feb. 11
Cooper, Benjamin H	6044	8	Feb. 15
Cowles, William J	6050	1, 4	Feb. 18
Chambers, Alfred P	6060	9	Mar. 1
Cannally, James T	6077	4	Mar. 10
Carrier, David	6120	18	Mar. 29
Crockett, William	6121	9	Do.
Cottrell, Frank W	6156	18	Apr. 13
Cornwall, John	6157	26	Do.
Cartwright, Charles H.	6180	20	Apr. 24
Cottrell, Richard A	6184	14	Apr. 27
Carter, George J	6192	11	Apr. 29
Creely, William	6206	12	May 10
Curtis, William M	6238	21	June 8
Chorkey, William G	6241	8	June 11
Cody, Fabian B	6294	9	Aug. 26
Cox, Frank	6295	11	Do.
Cannally, Robert	6300	13	Sept. 7
Crawford, William H	12107	5	Sept. 16
Cartwright, Daniel L	12115	10	Oct. 11

*Number of issue of current grade, and number of issue of all grades.

Masters and pilots licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Canartney, Michael	12130	19	Nov. 11
Destross, John	6002	17	Jan. 2
Davis, Ezra H	6088	15	Mar. 16
Dupuie, George	6129	9	Mar. 30
Donaldson, Henry	6145	27	Apr. 7
Dawley, Winfield W	6178	16	Apr. 24
Dale, Harry S	6188	18	Apr. 28
Davis, William R	6214	17	May 15
Deland, Lee S	6217	22	May 20
Deland, Marion	6236	12	June 17
Davis, Henry W	6259	12	June 28
Dawson, John	12111	14	Oct. 5
Ellery, Thomas A	6062	18	Mar. 2
Emmy, Theobol	6074	10	Mar. 9
Egan, John	6169	5	Mar. 20
Earle, Sylvester A	6227	12	May 28
Elliott, Frank	6242	14	June 14
Ekbert, Peter	6284	10	Aug. 14
Elliott, Dorin	12126	14	Oct. 25
Edwards, Perry H	12127	6	Do.
Fleck, James A	6014	10	Jan. 23
Forbes, Alex	6080	9	Mar. 12
Fish, Thomas	6140	6	Apr. 3
Forbes, William	6144	9	Apr. 6
Ferguson, George H	6151	5	Apr. 12
Forrest, Alfred	6155	21	Apr. 13
Fish, Henry	6251	44	June 21
Fletcher, Frank W	6265	14	July 10
Forbes, Frank	6285	15	Aug. 16
Grice, Joseph O	6006	12	Jan. 9
Griffin, John M	6011	16	Jan. 20
Garey, John C	6058	9	Feb. 25
Greening, William	6067	7	Mar. 4
Goodwin, Eugene M	6136	26	Apr. 1
Galarno, Charles E	6146	24	Apr. 8
Garu, Lewis A	6153	12	Apr. 12
Galarno, Joseph	6163	13	Apr. 16
Gain, Ambrose H	6168	17	Apr. 19
Gordon, William	6208	18	May 11
Girard, Vincent	6210	26	Do.
Grigware, Jedediah	6228	13	May 28
Grant, Murdock H	6247	17	June 16
Gilchrist, Frank W	6253	8	June 23
Green, James D	6260	12	July 1
Gallino, Alex. P	6291	26	Aug. 20
Galarno, Peter J	6297	7	Aug. 28
Goodwin, Robert F	12117	24	Oct. 14
Harlow, William J	6001	9	Jan. 2
Hayward, George W	6007	12	Jan. 13
Howes, George R	6008	24	Jan. 14
Hendricks, Edward	6009	12	Jan. 16
Hern, John	6022	8	Feb. 2
Howard, Harry S	6034	5	Feb. 10
Hunt, L. F	6035	15	Feb. 11
Hannan, Robert J	6042	5	Feb. 15
Hutcheson, David	6066	18	Mar. 4
Heisner, John W	6071	4	Mar. 6
Hancock, Wheeler	6078	12	Mar. 11
Hutcheson, Albert	6082	10	Mar. 12
Huyser, Henry	6100	10	Mar. 20
Hutcheson, William H	6126	23	Mar. 30
Haskin, Erastus W	6137	5	Apr. 2
Hagan, William	6160	13	Apr. 14
Hungerford, Edward K	6179	12	Apr. 24
Hamilton, Hugh G	6219	8	May 21
Hall, James W	6263	7	July 8
Harrow, William G	6290	22	Aug. 20
Hutton, John	12102	17	Sept. 10
Heminger, Arthur	12108	19	Sept. 18
Hughes, Henry S	12116	13	Oct. 14
Harris, Samuel	12123	24	Oct. 22
Hansen, Hans	12124	9	Oct. 25
Hyde, Harvey	12135	13	Nov. 13
Irving, George H	6090	21	Mar. 16
Inches, Joseph R	6124	15	Mar. 29
Johnson, Edward	6075	5	Mar. 9
Johnston, Alex	6091	10	Mar. 16
Jackson, Henry O	6115	4	Mar. 25
Johnson, Martin	6183	13	Apr. 26
Jones, Joseph W	6270	22	July 21
Johnson, William J	6281	12	Aug. 9
Jenkins, John	6298	18	Sept. 1
Jackson, Charles K	12138	11	Dec. 16
King, Graham N	6029	5	Feb. 9
Kirker, Frederick	6032	14	Feb. 10
King, George E	6033	6	Do.
King, Frank W	6048	13	Feb. 17
Kendall, Ed. J	6056	22	Feb. 24
Kinyon, John	6068	17	Mar. 5
Kuhn, John	6133	12	Mar. 31
Kendall, Douglas	6162	14	Apr. 15
Kendall, Harvey J	6170	20	Apr. 20
Kendall, George B	6223	13	May 26
Knowlton, Byron F	6266	17	July 13
Kearns, Joseph	6283	19	Aug. 13
Kelly, John	12112	14	Oct. 6
Little, John	6004	11	Jan. 9
Little, Nelson	6037	20	Feb. 11
Ludington, Lewis	6040	3	Feb. 13
Larrabee, W. H	6047	11	Feb. 16
Lowes, Joseph	6064	8	Mar. 3
Little, Nelson T	6085	8	Mar. 15
Leitch, Robert	6097	17	Mar. 19
Leonard, Louis	6103	11	Mar. 20
Little, Arthur E	6105	17	Mar. 22
Landon, William T	6131	9	Mar. 31
Lester, George H	6190	28	Apr. 28
Leitch, James	6194	23	May 3
Lawson, Sinclair	6201	15	May 7
Lyons, William M	6202	17	May 8
Lorim, Bernard J	6203	8	Do.
Lockridge, Joseph	6207	15	May 11
Little, Charles M	6264	15	July 8
Lester, John R	6273	11	July 27
Lincoln, David	6282	19	Aug. 11
Lyons, Stephen A	6286	14	Aug. 18
Lillis, Thomas	12121	20	Oct. 19
Miller, Alex. B	6012	21	Jan. 21
McLean, John	6015	9	Jan. 23
Mannel, George W	6018	9	Jan. 29
Moore, George W	6027	8	Feb. 5
Mannel, Fred. D	6043	9	Feb. 15
McLeod, George	6052	5	Feb. 20
Meno, Fred. J	6053	10	Feb. 23
Montgomery, Wm. L	6061	8	Mar. 1
Major, William S	6076	11	Mar. 10
Madden, Michael J	6093	19	Mar. 18
McArthur, John	6099	22	Mar. 19
Matteson, David W	6102	10	Mar. 20
McGregor, Alex. E	6104	7	Mar. 22
McGowan, Hugh	6107	8	Do.
Maitland, Henry	6108	7	Mar. 23
McCowan, Alex	6109	9	Do.
Moffatt, John J	6111	18	Mar. 24
Matteson, Edmond F	6113	11	Do.
Montgomery, Jas. W	6130	7	Mar. 31
McLachlin, John	6132	15	Do.
Millen, Sidney J	6139	13	Apr. 3
Mannel, Fred W	6147	8	Apr. 8
Marcero, Charles	6152	8	Apr. 12
Morrison, Archie	6164	19	Apr. 16
Miller, John A	6185	19	Apr. 27
Moiles, James S	6186	16	Do.
Muir, John G	6191	10	Apr. 28
Moore, Washington	6195	30	May 3
Morley, Charles T	6197	23	May 4
Moiles, Bart B	6199	14	May 5
Madden, Michael	6200	27	May 6
Morrison, Donald	6205	18	May 10
Moiles, John K	6220	20	May 21
McElroy, George G	6226	7	May 27
Moore, Sewell	6230	9	June 1
Maxwell, William	6234	25	June 5
Miller, M. C	6245	19	June 15
Marsden, Charles H	6252	27	June 23
Morrison, Lauchlen	6257	4	June 26
McPherson, George R.	6262	16	July 8
Meno, Joseph E	6268	6	July 17
Maher, Michael	6269	9	Do.
Moore, Sylvester	6275	12	July 29
Marsden, F. G	6292	24	Aug. 20
McDonald, Alex	6296	6	Aug. 27

Masters and pilots licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
McLeod, Robert R	12101	12	Sept. 8	Symes, James B	6098	14	Mar. 19
Moore, Hiram	12104	19	Sept. 11	Sterling, John	6101	17	Mar. 20
May, Arthur C	12119	13	Oct. 16	Stewart, Harvey A	6138	6	Apr. 2
Miller, Joseph C	12122	10	Oct. 20	Stevenson, Hugh	6141	25	Apr. 5
McLeod, John C	12134	8	Nov. 23	Sharpstein, John	6143	15	Apr. 6
McLean, Allen C	12137	10	Dec. 16	Sinclair, John H	6150	9	Apr. 10
Neal, Alvin	6019	25	Feb. 2	Sheldon, Jerome B	6161	4	Apr. 15
Nagle, John P	6020	7	Do.	Symes, George A	6165	10	Apr. 17
Neal, James S	6028	6	Feb. 6	Sherbert, George C	6166	13	Apr. 19
Neal, Alvin C	6045	17	Feb. 15	Strong, William	6171	14	Apr. 21
Neal, Walter R	6055	7	Feb. 24	Sinclair, Daniel M	6181	15	Apr. 24
Neal, William D	6072	27	Mar. 8	Stover, John J	6187	20	Apr. 28
Neal, John R	6106	10	Mar. 22	Scott, William H	6198	10	May 5
Nagle, Michael	6119	5	Mar. 29	Shorkey, William W	6204	15	May 8
Owen, James	6073	5	Mar. 9	Stewart, John N.	6209	18	May 11
O'Connor, Richard	6167	19	Apr. 19	Saph, Cassius M	6216	17	May 17
O'Dougherty, Daniel	6224	9	May 27	Stewart, N. P	6221	13	May 22
Osborn, John	6233	11	June 3	Smith, Peter C	6256	10	June 26
Pollock, George	6005	5	Jan. 9	Slyfield, Arthur B	6274	14	July 28
Papinaw, Antoine	6016	16	Jan. 27	Shackett, Henry S	6278	10	Aug. 2
Pringle, Thomas	6065	17	Mar. 4	Stone, John	6288	23	Aug. 19
Powrie, Peter F	6125	18	Mar. 29	Stewart, James P	6289	14	Do.
Phelps, George A	6127	23	Mar. 30	Slyfield, Luther L	12128	21	Oct. 26
Pierce, Henry	6189	14	Apr. 28	Thompson, Robert P	6023	7	Feb. 2
Putnam, James	6213	8	May 14	Taylor, James	6087	33	Mar. 16
Parks, Frank H	6231	15	June 1	Tuttle, Myron A	6112	15	Mar. 24
Pringle, John C. H	6244	15	June 15	Townsend, H. H	6229	14	May 13
Persons, John D	6250	9	June 19	Tripp, Benjamin	6235	3	June 5
Pringle, John C	6271	26	July 21	Telfer, Peter C	6237	3	June 8
Pierce, Daniel M	12113	13	Oct. 11	Tormey, Edward	6261	28	July 8
Perene, John C	12120	17	Oct. 18	Thomas, Edward M	12106	15	Sept. 14
Pierce, George W	12129	9	Nov. 3	Thompson, Henry	12118	13	Oct. 15
Quinn, John E	6272	11	July 23	Tyler, Abram	12131	19	Nov. 12
Rice, William E	6057	17	Feb. 24	Trudo, Allson	12136	8	Dec. 15
Robinson, Henry A	6092	23	Mar. 16	Viger, Frank A	6112	15	Apr. 6
Rattray, William	6118	32	Mar. 27	Voisine, Abel	6239	14	June 11
Reid, James T	6154	5	Apr. 13	Van Norman, Chas. D	6243	3	June 14
Rivard, Paul	6159	9	Apr. 14	Vosburg, Charles A	6254	21	June 24
Rinn, Wesley	6175	6	Apr. 24	Vail, David	12133	16	Nov. 22
Ryerse, Lewis	6212	13	May 13	Wilson, Thomas	6024	11	Feb. 3
Robertson, John	6222	33	May 24	Warwick, James H	6110	15	Mar. 24
Rogers, Julius	6225	14	May 27	Warwick, Daniel	6114	15	Mar. 25
Reynolds, John E	6248	8	June 16	West, Frederick A	6117	8	Mar. 27
Rose, Stephen	6255	21	June 25	Welcome, George F	6128	6	Mar. 30
Robinson, John M	6258	1	June 26	Walker, Thomas E	6135	17	Apr. 1
Randall, John	6287	21	Aug. 19	Warner, William E	6148	8	Apr. 9
Ray, Frank G	12109	18	Sept. 20	Woodford, Corydon H	6158	12	Apr. 13
Ray, Sylvester	12125	19	Oct. 25	Weeks, Charles H	6240	6	June 11
Rathbun, John E	12132	12	Nov. 18	Waggoner, Stephen	6249	8	June 16
Smith, Chris	6003	23	Jan. 2	Wheeler, Frank W	6279	9	Aug. 4
Smith, Duncan	6030	4	Feb. 9	Wilson, James D	6293	16	Aug. 24
Smith, George	6041	14	Feb. 15	Ward, Julius A	6299	7	Sept. 2
Stevenson, William	6059	6	Feb. 25	Westcott, David W	12105	15	Sept. 14
Stockdale, Frank C	6070	7	Mar. 6	Zealand, Henry	6083	12	Mar. 13
Senghas, Alfred H	6081	8	Mar. 12	Zealand, William O	6096	3	Mar. 19

Pilots licensed during the year ended December 31, 1897—Port Huron, Mich.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
First-class pilots.				*First-class pilots*—Continued.			
Adams, Joseph	4114	1	Feb. 2	Baird, James	4187	12	Mar. 9
Allen, William S	4160	6	Feb. 27	Butler, Frank E	4219	9	Mar. 24
Alexander, Algie	4189	3	Mar. 10	Bell, Joseph C	4228	6	Mar. 30
Allum, Frank E	4207	1, 2	Mar. 19	Butler, Melvin	4235	7	Apr. 3
Ainsworth, William H	4242	15	Apr. 6	Banker, George	4240	5	Apr. 5
Brown, Charles D	4112	5	Jan. 30	Biddlecomb, Albert D	4275	13	May 24
Brown, Hector	4122	6	Feb. 11	Bonnah, George R	4291	7	June 16
Bond, James	4125	10	Feb. 12	Bond, Fred. H	4297	9	July 14
Bradshaw, Charles T	4131	1, 2	Feb. 15	Buoya, Henry	5908	11	Aug. 9
Barnes, Charles E	4143	7	Feb. 18	Bedford, John	5915	6	Sept. 3
Bennett, Frank	4147	6	Feb. 23	Comins, Alonzo B	4106	2	Jan. 22
Benson, Bernard A	4179	6	Mar. 4	Currie, Daniel J	4109	1	Jan. 26

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
First-class pilots—Continued.			
Cotton, Albert J	4120	6	Feb. 11
Cottrell, Jerry L	4128	9	Feb. 13
Case, Adelbert	4130	1	Do.
Carr, Whitney	4135	7	Feb. 16
Cullen, Thomas	4137	5	Feb. 17
Chamberlin, Myron K	4161	4, 5	Feb. 27
Cassin, James	4163	9	Mar. 1
Cottrell, James E	4175	9	Mar. 3
Cole, Fred S	4193	1, 2	Mar. 13
Campbell, William H	4202	3	Mar. 18
Carlisle, Theodore S	4214	9	Mar. 22
Cottrell, Charles S	4227	7	Mar. 30
Campbell, Andrew L	4257	2	Apr. 19
Cooper, John E	4261	9	Apr. 20
Chamberlin, Felix	4266	14	Apr. 27
Cornwall, Alton W	4280	6	May 31
Carroll, Pheneas	4294	9	July 10
Copeland, Charles E	4300	5	July 17
Dove, Frank	4110	1	Jan. 29
Dupine, Joseph H	4134	5	Feb. 16
Douglas, Robert	4200	3	Mar. 16
Du Bean, John	4225	7	Mar. 29
Dingwell, John	4233	4	Apr. 2
Dawson, Henry	4238	10	Apr. 5
Dolson, Mordred	4239	15	Apr. 5
Denio, Carleton C	4251	9	Apr. 13
Dunstall, Stephen J	4260	7	Apr. 20
Dagen, Dennis	4285	3	June 8
Deringer, Thomas	5914	7	Aug. 26
Day, Alex	5922	17	Oct. 25
Emery, John H	4124	1	Feb. 12
Egbert, John W	4139	5	Feb. 17
Ellery, Arthur J	4149	6	Feb. 24
Englebray, Henry C	5917	4	Sept. 14
Finkle, David	4102	6	Jan. 14
Foster, John	4107	8	Jan. 25
Fox, Henry	4154	7	Feb. 25
Finkle, Bert	4177	5	Mar. 5
Folsom, Frank C	4196	2	Mar. 15
Ferguson, Joseph	4208	15	Mar. 19
Furtaw, Fred	4210	6	Mar. 20
Fisher, Daniel M	4234	7	Apr. 3
Fitzgerald, R. P	4292	2	June 29
Finkle, William K	5916	7	Sept. 8
Germain, Alfred J	4158	6	Feb. 27
Gray, John F	4176	1	Mar. 3
Geel, Guy G	4245	3	Apr. 7
Hanson, John F	4101	5	Jan. 9
Heninger, Russell	4119	2	Feb. 10
Hayes, John E	4136	1	Feb. 16
Hiefield, Henry N	4141	1	Feb. 17
Hayes, William J	4142	4	Do.
Harris, Robert	4153	4	Feb. 24
Hoskin, William	4168	5	Mar. 2
Hossie, William J	4169	7	Do.
Henderson, Alfred W	4181	9	Mar. 6
Heythaler, John	4194	8	Mar. 15
Hill, Fred C	4199	10	Mar. 16
Hoevel, Henry W	4209	5	Mar. 20
Hormig, William F	4262	10	Apr. 20
Horsefield, Richard	4265	15	Apr. 24
Hunter, John	4267	5	Apr. 28
Hayes, Peter A	4270	7	May 13
Heisordt, F. D	4277	6	May 26
Higgins, John	4281	5	June 1
Hathaway, James K	4283	14	June 7
Haskell, Thomas	4293	18	July 8
Haskin, James A	5901	5	July 17
Henderson, John E	5904	15	July 23
Hurkett, Oscar	5924	14	Dec. 7
Jamieson, James M	4105	2	Jan. 21
Johnston, Gust. Christ'n	4127	5	Feb. 13
Jones, Fred	4148	3	Feb. 24
Jones, Joseph E	4192	3	Mar. 13
Jenkyn, Alex	4211	7	Mar. 20
Jones, Henry	4217	3	Mar. 23
Johnson, Larse	4288	4	June 10
First-class pilots—Continued.			
Kenworthy, Samuel H	4165	10	Mar. 1
Kenworthy, George	4171	10	Mar 2
Kenyon, Seneca	4201	8	Mar. 16
Kelly, James W	4221	5	Mar. 25
Kobel, Charles E	4262	8	Apr. 23
King, Joseph	4271	7	May 17
Kendall, Chesley B	4273	7	May 21
Knowlton, Charles	4299	15	July 16
Klingler, George N	5902	5	July 19
Kress, Lewis	5910	13	Aug. 16
Lohr, William H	4115	3	Feb. 2
Langell, William	4129	4	Feb. 13
Leonhard, William	4132	3	Feb. 15
Lohr, John M	4138	2	Feb. 17
La Bounty, Michael	4174	8	Mar. 3
Lattray, William	4178	7	Mar. 4
Lennon, Joseph T	4186	3	Mar. 9
Laveigne, Albert	4213	12	Mar. 22
Larrabee, Melvin A	4218	3	Mar. 23
Leckie, Frederick	4231	2	Apr. 1
Lawrence, Henry	4244	7	Apr. 7
Lennon, George H	4253	7	Apr. 16
Leach, Charles B	4276	9	May 24
Lowes, George	5911	5	Aug. 18
Lowes, John	5918	6	Sept. 16
Mills, John E	4104	5	Jan. 18
McKay, Robert	4108	5	Jan. 26
Morrison, Neil L	4111	1	Jan. 29
Meldrum, William G	4116	12	Feb. 3
Maitland, Walter R	4121	2	Feb. 11
Mitchell, Henry	4123	4	Feb. 12
Moran, Thomas J	4140	5	Feb. 17
Mitchell, Burt	4144	3	Feb. 18
Morrill, John V	4170	2	Mar. 2
McDonald, William	4180	1	Mar. 5
Murphy, James	4182	2	Mar. 6
McGregor, Francis L	4185	10	Mar. 8
Mowbray, Robert T	4198	7	Mar. 16
McPhee, Neil	4212	4	Mar. 20
Mockles, John	4220	6	Mar. 24
Matthews, Joseph	4223	4	Mar. 26
Morrison, William H	4232	7	Apr. 1
McKay, William A	4236	6	Apr. 3
Maitland, John R	4250	6	Apr. 13
McCauley, Henry A	4259	7	Apr. 19
McAllister, Thomas	4272	5	May 20
Meldrum, George A	4284	8	June 8
McCann, Samuel B	4289	13	June 10
McNeill, John	4290	5	June 11
McIsaac, Daniel	5909	21	Aug. 11
McLeod, Duncan	5919	4	Sept. 17
Morgan, Bernard W	5920	8	Sept. 30
Norris, Alex. F	4150	16	Feb. 24
Ney, Chauncey	4157	2	Feb. 26
Nelson, Charles	4167	10	Mar. 1
Noble, John	4173	4	Mar. 3
Northup, James H	4252	6	Apr. 15
Nash, Harris F	4286	2	June 8
Paterson, Robert	4103	7	Jan. 14
Pringle, Thomas	4151	16	Feb. 24
Proctor, Eber	4191	14	Mar. 12
Parker, James B	4248	6	Apr. 12
Patterson, William G	4256	9	Apr. 19
Pierce, Charles F	5905	9	July 27
Powrie, Stewart M	5923	17	Oct. 17
Randall, Winslow U	4178	3	Mar. 3
Rattray, William P	4183	7	Mar. 6
Rinn, Joseph B	4190	7	Mar. 11
Recor, Robert J	4203	6	Mar. 18
Reoux, Joseph A	4204	7	Do.
Reynolds, Edward D	4206	4	Do.
Roy, Andrew L	4216	3	Mar. 23
Rose, Jerry A	4241	10	Apr. 5
Reynolds, John E	4249	8	Apr. 13
Reeves, Frank	4264	13	Apr. 23
Reynolds, Chris. P	4278	7	May 27
Rose, Lewis	4279	16	Do.

*Number of issue of current grade and the number of issues of all grades.

Pilots licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.
First-class pilots—Continued.			
Ray, Charles	4298	10	July 15
Rose, Joseph A	5903	13	July 20
Ross, James	5906	12	Aug. 7
Rose, Joseph	5921	15	Oct. 1
Souer, George J	4118	6	Feb. 10
Smith, Charlie O	4126	1	Feb. 12
Seifert, Frank	4133	4	Do.
Smith, Alex. C	4145	6	Feb. 20
Shackett, Joseph M	4146	3	Do.
Smith, Thadeus C	4152	6	Feb. 24
Snody, Reuben W	4155	1	Feb. 26
Stager, Peter	4159	2	Feb. 27
Shaw, John	4166	3	Mar. 1
Stuart, Thomas J	4184	5	Mar. 6
Smith, Joseph	4188	11	Mar. 10
Stover, Walter	4195	5	Mar. 15
Skinner, George H	4222	8	Mar. 26
Shackett, Charles J	4226	7	Mar. 30
Stewart, Harry W	4230	5	Apr. 1
St. Bernard, Wm. H	4247	7	Apr. 12
Sturtevant, Willard	4254	4	Apr. 16
Sturmer, Richard T	4255	7	Apr. 17
Sinclair, Lawrence	4269	17	May 10
Sinclair, Bert	4287	4	June 9
Smith, Fred. H	5912	2	Aug. 20
Trim, Elmer	4117	4	Feb. 6
Tyler, George C	4156	1	Feb. 26
Trumble, James H	4162	6	Mar. 1
Towsley, Edwin R	4258	11	Apr. 19
Thomas, Joseph	4268	13	Apr. 29
Thompson, Alfred	4282	4	June 5
Tilton, Charles F	5913	10	Aug. 26
Utley, R. Z	4164	2	Mar. 1
Warner, George E	4197	8	Mar. 16
Watson, Albert E	4205	7	Mar. 18
Warner, Walter B	4215	7	Mar. 23
Ward, Edward	4229	11	Mar. 31
Whiting, Chancey	4237	11	Apr. 3
Ward, Burt	4243	4	Apr. 6
Wright, Charles	4274	10	May 21
Wright, William	4295	9	July 12
Watson, Fred	4296	3	July 14
Woodworth, Chester	5907	17	Aug. 9
Young, William T	4246	2	Apr. 10
Ziem, William C	4113	4	Jan. 30
Zaetsch, Nicholas	4224	9	Mar. 29
Second-class pilots.			
Albee, Charles N	4146	9	Mar. 23
Armstrong, Dewitt	4177	9	May 6
Andrews, Edwin	4194	6	June 10
Ashman, William D	6607	10	July 22
Allan, George A	6613	14	Aug. 18
Allen, Frank	6623	4	Sept. 22
Aotton, Thomas W	6629	10	Oct. 5
Bennett, John D	4133	3	Mar. 18
Bennett, Thomas A	4138	3	Mar. 19
Burrows, Benjamin D	4152	10	Mar. 30
Bloodgood, Richard B	4162	10	Apr. 16
Ballor, John	4164	7	Apr. 17
Barclay, Lyman	4173	10	Apr. 29
Bator, James	4176	15	May 4
Boutell, William W	4185	4	May 21
Bristol, Howard C	4188	10	May 25
Bassett, Joseph	4191	2	June 4
Budd, Luther M	4198	3	June 23
Brown, Walter A	6635	2	Nov. 12
Campbell, Robert	4114	1	Feb. 16
Chamberlain, Calvin	4116	2	Feb. 23
Currie, Thomas	4161	3	Apr. 10
Cole, Adolphus S	4166	2	Apr. 20
Curtis, Albert L	4183	11	May 17
Currie, Calvin	4200	7	June 30
Cleary, James	6601	11	July 6
Couture, Fred	6617	6	Sept. 7
Crockett, George A	6624	2	Sept. 24

Name.	No of license.	No. of issue.*	Date of issue.
Second-class pilots—Continued.			
Charlton, Leonidas B	6637	7	Nov. 22
Dues, David E	4106	7	Jan. 30
Derosia, John L	4128	8	Mar. 11
Dahlmer, John A	4137	1	Mar. 19
Dupuie, John E	4141	1	Do.
Davis, Calvin H	4145	1	Mar. 22
Devaney, Patrick	6616	12	Sept. 7
Devaney, Thomas	6631	11	Oct. 14
Endres, Frank	4124	3	Mar. 4
Eber, Fred. J	4127	1	Mar. 10
Elliott, David	4189	8	Mar. 28
Endres, Frank X	6604	6	July 13
Emmy, Frank	6610	7	Aug. 7
Farrell, Henry	4105	13	Jan. 29
Fehmer, Otto	4123	2	Mar. 4
Finkle, Jerry	4125	1	Mar. 6
Ferguson, Horatio	4136	6	Mar. 19
Fowler, Thomas	4155	1	Apr. 5
Fish, Alex	6620	4	Sept. 9
Flora, Daniel	6636	13	Nov. 18
Goulett, William R	4120	1	Feb. 26
Galton, Abram S	6619	4	Sept. 9
Grisdale, W. C	6622	2	Sept. 20
Hepburn, Alex	4101	3	Jan. 9
Hurkett, William	4158	5	Apr. 12
Hazen, Jared P	4171	5	Apr. 26
Harndon, Walter N	4172	10	Do.
Hourigan, James L	6606	6	July 17
Hess, Eugene F	6612	1	Aug 17
Hyde, George W	6625	8	Sept. 24
Harson, James H	6630	10	Oct. 11
Holmes, Nelson E	6640	9	Dec. 16
Harper, George	6641	18	Dec. 20
Isabell, Thomas	4187	10	May 24
Johnson, Burtin J	4108	1	Feb. 10
Johnson, William	4168	13	Apr. 23
Knapp, Richard H	4130	5	Mar. 13
Kirkendall, Joseph	4144	3	Mar. 22
Kennedy, Stewart W	4181	9	May 14
King, William J	4190	7	June 3
Kreis, Lewis	6627	3	Sept. 29
Kelleher, Eugene	6633	14	Oct. 29
Laffrey, Henry J	4103	1	Jan. 12
Lafferty, Benj	4156	8	Apr. 7
Lynn, Dennis, jr	4178	4	May 10
Lacroix, Henry	6611	9	Aug. 11
McKenzie, Alex	4110	3	Feb. 12
Mnma, Alex	4119	5	Feb. 26
Murphy, Daniel	4140	1	Mar. 19
McHaney, Samuel	4143	3	Mar. 22
Martin, Michael	4147	3	Mar. 23
McElroy, William P	4148	1	Mar. 24
Moore, Richard	4149	7	Mar. 25
Markle, Stanton J	4150	2	Do.
Minor, George H	4157	5	Apr. 12
McLeod, Norman	4159	1	Apr. 13
McLachlin, Archie	4174	6	May 3
Morse, Edwin C	4175	8	May 4
Miller, William H	6602	7	July 6
McIntyre, Angus	6603	10	July 13
Miller, Frank M	6614	5	Aug. 19
Mitchell, John F	6618	7	Sept. 8
Noel, Joseph	4135	1	Mar. 18
O'Brien, John H	4195	7	June 18
Poirier, Frank	4102	5	Jan. 9
Pace, Daniel E	4139	5	Mar. 19
Pringle, Ralph T	4153	1	Apr. 2
Persons, Mrs. Celia E	4197	6	June 19
Provot, Frank	6609	1	Aug. 6
Porter, Charles A	6621	7	Sept. 13
Ray, Herbert D	4104	1	Jan. 25
Roe, Stephen J	4107	1	Jan. 30
Ryan, John C	4112	2	Feb. 15
Rankin, Harry M	4117	4	Feb. 23
Robertson, Henry F	4118	3	Feb. 25
Radford, William	4129	1	Mar. 11
Ryan, Michael	4179	6	Ma. 12

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Second-class pilots—Continued.				*Second class pilots*—Continued.			
Robinson, Robert	4180	6	May 13	Twining, Fred. L	4126	6	Mar. 9
Rice, Frank R	6605	4	July 16	Trimble, George W	4165	2	Apr. 20
Reynolds, George S	6608	1	Aug. 5	Tiffany, Benjamin	4196	12	June 19
Smith, Charles W	4111	3	Feb. 15	Tromble, Edward	4199	10	June 26
Smalley, John L	4113	6	Do.	Van Conett, George	4186	2	May 22
Stewart, George W	4121	1	Feb. 27	Williamson, Patrick	4109	1	Feb. 11
Sharpstein, Fred'k D	4122	2	Mar. 2	Worden, Scott B	4115	2	Feb. 20
Spencer, William	4132	1	Mar. 18	Waugh, George	4131	1	Mar. 16
Shackett, William F	4142	2	Mar. 20	Wertzman, Charles A	4154	5	Apr. 3
Short, Edward	4151	4	Mar. 27	Worden, James P	4184	6	May 21
Slade, Frank	4160	13	Apr. 16	Wickes, Harry T	4192	5	June 7
Symes, D. J	4163	2	Apr. 17	Wickes, William J	4193	4	Do.
Smalley, James H	4167	6	Apr. 20	Warner, Alfred H	6615	7	Aug. 26
Stewart, William J	4169	9	Apr. 23	Wells, Whitney	6628	6	Oct. 2
Singler, Joseph	4170	9	Apr. 24	Walker, William H	6632	8	Oct. 25
Stuart, William A	4182	4	May 17	Weyers, Asa	6633	6	Dec. 11
Sherman, Lewis E	6626	15	Sept. 27	Williamson, Henry	6[illegible]2	7	Dec. 21
Smith, Thomas B	6634	1	Oct. 30	Yax, Frank	4[illegible]34	7	Mar. 18
Smith, Harley B	6638	4	Dec. 4				

Joint pilots and engineers licensed during the year ended December 31, 1897—Port Huron, Mich.

Achard, E. F	1578	1	Sept. 20	Hildreth, H. S	1582	2	Oct. 20
Allen, Clarence B	1584	1	Nov. 2	Jackson, John L	1572	1	Sept. 11
Beach, George A	1568	3	Sept. 9	Karow, Emil	1577	1	Sept. 18
Burrows, George L., jr.	1569	3	Do.	Murphy, William A	1558	2	June 30
Baker, Henry P	1571	1	Sept. 11	Meyer, G. W	1559	5	July 6
Barnard, Arthur	1581	4	Oct. 8	Martin, James B	1570	2	Sept. 11
Clark, E. Eugene	1564	2	Aug. 19	Mills, Myron	1573	2	Sept. 13
Carroll, George C	1576	2	Sept. 15	Mills, Nelson	1575	2	Sept. 14
Egan, John	1552	1	May 29	McGregor, James	1585	6	Dec. 10
Elwood, William N	1566	6	Aug. 23	Percival, Edward F	1561	3	July 15
Elwood, Ward P	1579	6	Oct. 2	Paxson, W. L	1563	1	Aug. 9
Freiderich, Adam	1580	6	Oct. 4	Rattray, Andrew E	1556	3	June 16
Francis, William M	1583	3	Oct. 26	Smart, Fred. L	1562	2	July 24
Garland, H. W	1554	2	June 4	Sterling, Clarence	1565	2	Aug. 23
Garland, M	1553	3	Do.	Shoemaker, A. H	1567	2	Sept. 2
Gay, William	1560	1	July 7	Wager, W. H	1551	1	May 25
Gage, Thomas	1574	2	Sept. 14	Yates, Henry J	1555	1	June 5
Harvey, Frederick	1557	3	June 30				

Engineers licensed during the year ended December 31, 1897—Port Huron, Mich.

Chief engineers.				*Chief engineers*—Continued.			
Ameran, Washington	6319	15	Feb. 4	Blodgood, George W	6490	9	May 17
Abernathy, Thomas	6322	9	Do.	Blauvelt, John	6229	26	June 29
Arnold, Edgar	6471	15	Apr. 23	Bowen, Frank	6550	20	July 29
Arnold, Alonzo	6506	29	June 1	Buckner, John W	6556	10	Aug. 9
Armson, Arthur	6544	18	July 20	Barber, Augustus	6558	6	Aug. 11
Butler, Harrison H	6324	13	Feb. 6	Bowen, John	6563	17	Aug. 14
Boutin, John	6332	6	Feb. 9	Bacon, James K	6575	10	Aug. 24
Babcock, Charles	6346	12	Feb. 18	Bird, Benjamin	6585	13	Sept. 7
Bradley, Andrew J	6350	14	Feb. 20	Boutin, John	6595	26	Sept. 20
Britz, Peter	6360	4	Feb. 26	Befor, Joseph	6596	18	Sept. 22
Burns, Charles	6362	14	Feb. 27	Cadotte, Joseph P	6305	8	Jan. 9
Beauchamp, Burt	6375	9	Mar. 5	Carpenter, William E	6308	12	Jan. 11
Braman, Jesse A	6389	9	Mar. 13	Charlton, George	6313	12	Jan. 23
Burns, David	6396	15	Mar. 18	Covyeow, George A	6328	33	Feb. 9
Butler, George	6403	18	Mar. 19	Coleman, Fred	6355	17	Feb. 24
Bracket, George L	6405	9	Do.	Calland, W. H	6356	14	Do.
Bowen, George H	6409	13	Mar. 22	Cameron, James	6388	6	Mar. 12
Butler, Warren H	6413	12	Do.	Cameron, Robert	6391	18	Mar. 13
Blauvelt, Cornelius	6440	25	Apr. 5	Cuthbert, Charles E	6400	16	Mar. 18
Buzzard, Irwin	6445	10	Apr. 10	Corner, L. M	6424	12	Mar. 30
Britz, Michael W	6446	9	Do.	Cosgrove, Thomas H	6427	9	Mar. 31
Birch, Thomas	6456	13	Apr. 14	Clark, Robert A	6430	13	Do.
Brisben, Samuel	6474	10	Apr. 26	Campbell, Ransom A	6438	14	Apr. 3
Budd, Joseph	6487	14	May 13	Cadotte, Frank A	6477	27	May 1

* Number of issue of current grade and the number of issues of all grades.

Engineers licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Collins, Thomas	6480	19	May 6
Coon, Cyrus E	6498	6	May 27
Carpenter, S. B	6502	12	May 29
Cole, Asa R	6509	7	June 4
Covyeow, Daniel L	6517	16	June 15
Cody, John F	6545	13	July 20
Cooper, John D	6560	22	Aug. 12
Carter, Horace	12706	17	Oct. 12
Cushway, William C	12717	14	Nov. 11
Diefenbach, Charles	6304	7	Jan. 2
Dashaw, John	6331	15	Feb. 9
Davidson, R. A	6392	11	Mar. 13
Depuy, Harvey	6395	11	Mar. 16
Durrant, Clarence	6411	7	Mar. 22
Daly, Thomas	6412	33	Do
Durrant, Oliver	6414	16	Do.
Dibble, John P	6415	7	Do.
Durrant, S. O	6422	18	Mar. 30
Dibble, James P	6423	14	Do.
Dillon, James A	6425	9	Do.
Diehl, John	6452	10	Apr. 13
Downing, William J	6473	14	Apr. 24
Dean, Julius	6476	17	Apr. 28
Densmore, William W	6496	12	May 22
Degraw, Archie	6503	8	June 1
Derrig, James F	6505	29	Do.
Duchene, John	6512	12	June 8
Davis, Orin	6524	28	June 23
Diem, Charles H	6535	20	July 6
Diehl, Charles	6546	19	July 23
Dietsch, John W	6578	6	Aug. 26
Danger, Charles W	6587	16	Sept. 8
Egan, Edward	6380	10	Mar. 10
Elliott, Josiah	6478	18	May 5
Eagan, Charles	6499	15	May 29
Eaton, Charles W	12712	9	Oct. 27
Elliott, Robert	12716	15	Nov. 10
Foster, David M	6330	10	Feb. 9
Flanagan, Charles H	6337	11	Feb. 15
Fetting, William	6341	7	Feb. 17
Ford, Clark	6353	14	Feb. 24
Fritz, John	6371	9	Mar. 3
Finney, Peter	6385	18	Mar. 11
Francis, Peter J	6462	9	Apr. 20
Fero, Charles	6464	19	Apr. 21
Fitzgerald, Fred. P	6485	14	May 12
Fettig, Leon	6494	14	May 21
Freeman, Ellsworth	6522	7	June 21
Fogg, John F., jr	6540	14	July 13
Fink, Jacob B	6549	21	July 28
Ford, George W	6565	10	Aug. 14
Felcher, George H	12703	15	Oct. 4
Fowler, John G	12707	9	Oct. 13
Fettig, John	12708	16	Oct. 21
Gaffney, Miles W	6340	10	Feb. 15
Garrett, Isaac N	6354	15	Feb. 24
Graham, Thomas W	6383	17	Mar. 10
Gray, William	6384	12	Mar. 11
Green, William H	6398	7	Mar. 18
Grimley, John	6399	2	Do.
Gelinas, Louis	6408	17	Mar. 22
Gey, Gustav	6410	23	Do.
Graves, Henry	6417	9	Mar. 25
Gulette, Nelson	6472	26	Apr. 23
Guillott, Eugene H	6516	11	June 15
Grice, Joseph P	6518	11	June 17
Gartung, A. C	6519	14	Do.
Gowling, Thomas	6525	27	June 25
Gilby, William	6536	18	July 7
Grant, Robert R	6547	10	July 26
Gregory, Homer	6552	25	Aug. 5
Henry, Walter A	6306	11	Jan. 11
Hatch, Alfred L	6318	7	Feb. 1
Hunt, L. T	6335	6	Feb. 11
Hannon, Robert J	6338	16	Feb. 15
Hill, Lemuel C	6377	8	Mar. 9
Heisner, Charles A	6382	18	Mar. 10
Hodgson, Henry E	6432	9	Apr. 1
Chief engineers—Continued.			
Hogan, John H	6434	31	Apr. 2
Hill, Edward H	6441	14	Apr. 7
Hanson, Boy	6453	16	Apr. 13
House, Loftus	6454	10	Apr. 14
Hidden, Jasper	6465	12	Apr. 21
Huber, Jacob	6479	9	May 5
Hand, William F	6495	24	May 22
Hamlin, Albert	6507	24	June 3
Heminger, Guy A	6513	12	June 9
Holmes, A. J	6528	26	June 28
Hall, Joseph R	6531	19	July 3
Haviland, Frederick	6555	22	Aug. 9
Holliday, George D	6557	11	Aug. 11
Hamilton, John C	6561	12	Aug. 13
Horton, Amos K	6567	7	Aug. 16
Hart, J. B	6569	11	Aug. 18
Hushin, Patrick F	6571	8	Aug. 21
Hodgson, Henry E	6572	14	Aug. 23
Henry, John	6573	13	Do.
Hausbeck, Frank	6576	12	Aug. 26
Hidden, Eugene	6581	17	Aug. 30
Harrow, H. C	12713	21	Nov. 5
Harvey, Edward	12715	8	Nov. 8
Ingham, George	6386	6	Mar. 11
Irwin, Arthur J	6534	18	July 6
Jenkins, Hugh	6436	8	Apr. 2
Jamieson, Alex	6548	29	July 27
Jackson, Benjamin	12711	22	Oct. 27
Kerrigan, Dennis	6314	25	Jan. 25
Keeler, Charles	6358	11	Feb. 25
Kneal, Thadius	6457	20	Apr. 15
Kiesel, John	6514	26	June 10
King, Charles O	6539	18	July 12
Lavely, Peter	6311	10	Jan. 19
Lee, John	6323	1	Feb. 5
Lynn, George F	6390	8	Mar. 13
Letch, Robert	6404	19	Mar. 19
Leitch, John	6428	17	Mar. 31
Lockhart, Wallace	6435	10	Apr. 2
Little, Charles M	6489	12	May 14
Leach, William F	6543	19	July 20
Lewis, Charles	6574	22	Aug. 23
Lacy, Martin	6600	17	Sept. 28
Little, George J	12705	14	Oct. 11
McKenzie, William	6302	16	Jan. 2
Maher, John	6315	15	Jan. 26
McDonough, Thomas	6334	9	Feb. 10
Merrill, Willis J	6336	14	Feb. 13
Meno, Joseph W	6343	4	Feb. 17
Maples, William	6347	9	Feb. 19
Miner, Cornelius G	6349	6	Do.
Marshall, Irwin	6351	8	Feb. 20
Magnusseu, John D	6363	12	Feb. 27
McKenzie, Alex	6370	5	Mar. 2
Murdock, Eugene M	6381	22	Mar. 10
Manion, Henry	6397	13	Mar. 18
McLean, Charles	6402	8	Do.
Moiles, George W	6407	17	Mar. 20
Meno, Joseph	6416	8	Mar. 23
McMamus, John	6431	5	Apr. 1
McGuire, William C	6433	12	Apr. 2
McDonald, David	6437	10	Apr. 3
Moll, Amandus G	6442	9	Apr. 7
Minnie, Edmond	6447	10	Apr. 10
McLauth, Sidney C	6450	16	Apr. 12
Manion, Andrew A	6466	16	Apr. 22
McKean, Edward W	6475	10	Apr. 26
Mason, Henry	6481	28	May 7
Maxam, H. L	6486	10	May 13
Merrill, Simeon G	6500	9	May 29
Moiles, Bart B	6501	10	Do.
McLelland, Gilbert	6504	7	June 1
McLaren, Peter	6508	5	June 4
Miller, M. C	6523	14	June 26
Moore, George	6526	14	Do.
McMillan, Ira B	6527	7	Do.
Miller, Frank D	6532	7	July 3
Mullen, Peter	6533	9	July 6

Engineers licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Minnie, Henry	6541	8	July 15
Monn, Robert	6542	19	July 16
McLaren, Ronald	6551	15	Aug. 2
McLea, Alex	6553	16	Aug. 6
Mitchelson, John M	6564	22	Aug. 14
Miller, Thomas	6568	26	Aug. 17
McCrea, Walter C	6580	23	Aug. 27
Morrill, Thomas	6583	6	Aug. 31
Minnie, Dominick	6586	21	Sept. 8
McArthur, Harry	6588	12	Sept. 9
McGurn, Christopher C	6592	5	Sept. 14
Maher, Michael	12701	14	Sept. 30
Maines, H. W	12702	26	Oct. 2
McMillan, Frank	12710	16	Oct. 22
Merrill, George W	12718	21	Nov. 17
Nold, Frank	6372	6	Mar. 3
Norton, James	6374	15	Mar. 4
Nold, Joseph	6482	11	May 8
Nagle, John W	6530	16	July 2
Nichols, Joseph	6577	20	Aug. 26
Oag, James M	6321	4	Feb. 4
Ouellette, Frank	6342	9	Feb. 17
Owens, Michael	6429	20	Mar. 31
Purdy, Lewis E	6367	14	Mar. 1
Plush, John	6368	10	Mar. 2
Pierce, James H	6369	13	Do.
Parry, Edward H	6387	4	Mar. 11
Phillips, Samuel L	6401	25	Mar. 18
Prescott, C. M	6418	7	Mar. 26
Pangburn, Myron	6451	18	Apr. 13
Pangburn, Orin	6455	14	Apr. 14
Parker, Harry	6460	9	Apr. 19
Phillips, William H	6469	10	Apr. 23
Phillips, Charles H	6483	14	May 8
Persons, Byron M	6554	20	Aug. 6
Paya, Joseph	6582	24	Aug. 30
Pflueger, Fred	6594	7	Sept. 18
Parmenter, U. Z	6597	16	Sept. 24
Purvis, Alex	12709	6	Oct. 22
Pack, Calvin	12720	7	Dec. 8
Robertson, John S	6325	5	Feb. 6
Riley, John D	6326	5	Feb. 8
Randall, George G	6357	8	Feb. 25
Rogers, Gustavus	6361	18	Feb. 27
Rein, Anthony	6394	19	Mar. 15
Reid, Samuel	6406	7	Mar. 20
Radcliffe, Samuel	6444	7	Apr. 8
Rosenkrans, Harmon	6458	11	Apr. 16
Reagan, James	6470	28	Apr. 23
Roberts, George H	6492	17	May 20
Robertson, George W	6538	21	July 9
Southgate, James A	6301	14	Jan. 2
Schnell, Joseph	6317	12	Jan. 27
Sutherland, William F	6320	9	Feb. 4
Styninger, John A	6327	8	Feb. 9
Shampaigne, Jerry	6329	23	Do.
St. Barnard, Bion	6344	10	Feb. 17
Simpson, Leroy B	6345	7	Do.
Smart, Fred L	6348	13	Feb. 19
Smith, Hiram	6373	13	Mar. 4
Sangnist, Gustaf	6376	8	Mar. 9
Sicken, William G	6378	5	Do.
Sutliff, Richard	6379	6	Mar. 10
Stomler, George	6421	24	Mar. 29
Shunk, Charles	6461	19	Apr. 19
Swartout, Jerome	6484	28	May 11
Stammers, Benjamin	6488	9	May 14
Sleno, Leonard	6497	23	May 24
Smith, Alonzo	6510	15	June 4
Stevens, Frank B	6511	16	June 5
Smith, Newton B	6515	18	June 12
Smith, Dennis B	6520	14	June 18
Slater, Nathan P	6570	11	Aug. 21
Schwall, Lewis	6584	12	Sept. 3
Stephens, John W	6590	5	Sept. 11
Smith, Barney	6591	14	Sept. 14
Stevens, Dewitt	6593	13	Sept. 16
Sherman, Lewis E	6598	16	Sept. 27
Chief engineers—Continued.			
Stager, Eugene	12714	29	Nov. 6
Sanber, William F	12719	23	Nov. 22
Spaulding, C. W	12721	16	Dec. 21
Treleaven, George	6303	6	Jan. 2
Treleaven, Thomas	6307	15	Jan. 11
Treleaven, Walter P	6310	27	Jan. 13
Thorn, Walter	6333	7	Feb. 10
Terpening, Charles L	6359	8	Feb. 26
Thomson, David	6463	20	Mar. 20
Tilton, George	6487	15	Apr. 15
Taubert, Edward	6562	21	Aug. 14
Tucker, Lonie	6599	15	Sept. 28
Urie, John	6449	11	Apr. 12
Volker, John	6339	9	Feb. 15
Vallie, Joseph	6459	27	Apr. 17
Van Liew, Everett	6468	7	Apr. 22
Van Liew, Leverett	6521	7	June 18
Wood, Everett C	6309	12	Jan. 12
Wilson, Andrew J	6312	10	Jan. 20
Wurtz, Joseph H	6316	4	Jan. 27
Wellhousen, John	6352	7	Feb. 20
Wellman, James B	6364	3	Mar. 1
Welsh, Thomas	6365	17	Do.
Westrick, John E	6366	11	Do.
Williams, Ansel P	6393	13	Mar. 15
Wood, Henry	6419	10	Mar. 26
Waugh, William	6420	15	Mar. 27
Wolfe, Herman	6426	18	Mar. 31
Whitten, Harrison	6439	7	Apr. 5
Williamson, Andrew	6443	13	Apr. 7
Wood, Hiram D	6448	16	Apr. 12
Ward, Anthony	6491	15	May 17
Worden, James P	6493	37	May 21
Wyckoff, John W	6537	14	July 8
Wilcox, George F	6559	9	Aug. 12
Wills, William	6566	12	Aug. 16
Wardell, John G	6579	6	Aug. 27
Watson, Joseph C	6589	6	Sept. 10
Young, John C	12704	11	Oct. 5
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Blaisdell, Frank	5549	5	June 3
Curtis, John C	5571	9	July 6
Duquette, William	5532	3	May 6
Gramson, Joseph	5522	8	Apr 23
Graves, William	5528	12	May 4
Glover, J. S	8709	6	Oct. 29
Henderson, Joseph	5423	4	Feb. 2
Hughes, Bert	5561	2	June 18
Merdline, William	5555	12	June 7
Pelkey, Tim	5557	2	Do.
Rothermel, Edwin H	5598	12	Sept. 8
Stephens, David R	5514	1	Apr. 10
Savage, Joseph	5568	6	June 30
Smith, Julius D	5583	7	July 23
Thomas, Penry	5523	6	Apr. 24
Wixson, Randall F	5574	6	July 9
Williamson, Henry	8717	7	Dec. 21
Yeomans, Daniel W	5531	3	May 5
First assistant engineers.			
Albee, William H	5512	8	Apr. 10
Bell, Harry Uriah	5408	1	Jan. 14
Bonner, Fred	5414	2	Jan. 25
Benkarth, Joseph	5470	3	Mar. 6
Brenner, Charles	5481	1	Mar. 11
Burch, Solon H	5491	8	Mar. 22
Blair, Nelson	5499	9	Mar. 26
Barnett, Edward	5500	7	Mar. 27
Beckton, William	5511	11	Apr. 8
Burkhardt, William	5525	9	Apr. 24
Bloodgood, William F	5545	9	May 22

Engineers licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Busch, Charles H	5556	9	June 11
Burley, John	5570	9	July 6
Bray, Benjamin	5584	22	July 28
Bastow, Reuben	8702	3	Sept. 28
Cotter, William D	5403	5	Jan. 4
Carter, James F	5439	2	Feb. 16
Cuttle, Thomas F	5446	2	Feb. 18
Carlisle, Allen W	5471	2	Mar. 6
Cook, George W	5474	4	Mar. 8
Campbell, Duncan	5547	7	May 28
Covyeow, Edward	5552	13	June 4
Cadotte, James H	5554	12	June 5
Cruewell, Frank C	5571	7	July 6
Crockett, James	5581	8	July 20
Caughey, James H	5590	18	Aug. 11
Calkins, Alvin	8707	4	Oct., 23
Collison, George	8713	4	Dec. 6
Dwight, Arthur	5491	4	Jan. 2
Dorsey, Louis H	5425	6	Feb. 3
Diem, Jacob	5497	14	Mar. 26
Duchene, Henry	5516	3	Apr. 12
Dapp, August	5533	7	May 7
Dornan, Robert	5539	4	May 12
Dennoye, Antwine	5540	5	May 14
Delackso, Milton	5548	5	May 29
Dolson, Calvin	5551	1	June 3
Doran, William	5595	2	Aug. 19
Ditzel, James W	8710	12	Nov. 2
Eagan, John	5412	10	Jan. 22
Egbert, James R	5448	4	Feb. 18
Enright, William	5476	4	Mar. 9
Endres, John	5479	3	Mar. 10
Evans, John D	5515	9	Apr. 12
Evans, Scott	5579	14	July 17
Easton, P. D	5582	8	July 21
Folkert, Willard	5410	1	Jan. 16
Fritz, William J	5435	3	Feb. 15
Folkerts, Herman	5447	7	Feb. 18
Fittinger, Louis	5450	5	Feb. 19
Fero, Charles M	5519	7	Apr. 16
Griffith, William	5409	3	Jan. 15
Gibson, John	5420	2	Jan. 30
Gibson, Albert	5483	1	Mar. 13
Gripton, Martin	5485	5	Mar. 15
Gregory, Charles	5486	1	Mar. 16
Gartung, Fred	5506	7	Apr. 2
Gray, William H	5507	3	Do.
Gustin, E. A	5510	14	Apr. 7
Gustin, Smith	5524	9	Apr. 24
Galarno, Edward	5566	1	June 29
Hasler, William	5417	3	Jan. 26
Hawthorne, Herbert J	5418	1	Jan. 29
Hasler, Felix	5124	4	Feb. 2
Hable, Joseph	5436	5	Feb. 15
Hasler, Joseph	5451	2	Feb. 20
Hill, Marcus L	5467	2	Mar. 5
Hoffert, Leio	5484	5	Mar. 15
Hayton, William H	5502	9	Mar. 31
Hilsinger, D. L	5538	9	May 12
Hills, John	5542	5	May 21
Herbert, W. H	5585	5	July 31
Hogan, Frank E	5600	13	Sept. 18
Heisner, John W	8701	20	Sept. 23
Harrison, Reginold	8704	9	Sept. 29
Hamilton, William	8712	1	Nov. 17
Heythaler, Louis	8716	7	Dec. 14
Jackson, William A	5580	13	July 18
Kanter, Charles	5419	3	Jan. 30
Koehler, Charles	5445	8	Feb. 18
Krouse, Constant	5458	6	Feb. 25
Kannari, Michael	5492	17	Mar. 22
Kane, Luke A	5503	10	Mar. 31
Kinney, Frank	5518	10	Apr. 15
Konnarie, John	5520	9	Apr. 20
Kundinger, John E	5544	13	May 21
Kane, Thomas J	5546	7	May 27
Koshman, Ben	5586	5	Aug. 3
Kissack, Samuel	8715	5	Dec. 14
First assistant engineers—Continued.			
Lenox, George H	5422	6	Feb. 2
Lavely, Moses	5462	3	Mar. 2
Love, William A	5569	8	July 1
Lambert, James	5572	7	July 7
Laffrey, Isaac	5591	12	Aug. 11
Lockhart, Nelson G	8705	11	Oct. 11
McQueer, James	5415	2	Jan. 22
Maedel, John	5428	1	Feb. 5
Morris, Hugh	5431	1	Feb. 11
Moore, Edward	5441	5	Feb. 17
McCarron, Daniel	5449	6	Feb. 19
McKenzie, Thomas	5452	2	Feb. 20
McNamara, James	5464	1	Mar. 3
Miller, Sheldon G	5469	2	Mar. 5
Montague, Henry	5472	6	Mar. 9
McCarthy, James J	5477	3	Do.
McDonald, Judd	5482	7	Mar. 11
McGrath, Thomas	5488	5	Mar. 19
McGurn, Thomas	4593	1	Mar. 23
McElhinney, Thos. M	5508	12	Apr. 5
Moore, Ephraim	5521	5	Apr. 23
Mettetel, Emil	5537	8	May 11
McDonald, John W	5543	8	May 21
Minnie, John	5550	10	June 3
Mitchell, Myron	5558	12	June 15
McGinnis, Albert O	5564	5	June 26
McLean, Mike	5573	6	July 8
Marquardt, John	5575	3	July 12
Meno, Henry J	5592	2	July 13
McElhinney, Henry A	5593	5	July 14
Morgan, Charles	5596	8	July 20
McLean, James	8703	7	Sept. 28
McLaughlin, Thomas	8708	2	Oct. 26
Miller, George H	8711	5	Nov. 8
Miller, Charles W	8718	2	Dec. 22
Nerreter, William	5426	1	Feb. 3
Nellett, Charles	5457	2	Feb. 25
Nelson, John	5534	9	May 8
Nye, James	5553	1	June 4
Oakes, William F	5416	1	Jan. 25
O'Reilly, Thomas	5562	8	June 19
Patridge, Walter	5402	2	Jan. 2
Pilkey, William B	5404	1	Jan. 13
Percival, Henry A	6461	6	Mar. 2
Perry, Charles A	5466	6	Mar. 4
Parrow, John	5490	12	Mar. 22
Parsons, Thomas R	5495	2	Mar. 24
Perry, John W	5513	13	Apr. 10
Porter, Jay T	5526	13	Apr. 27
Plush, Henry	5535	5	May 10
Pringle, William	5563	17	June 23
Phillips, Frank A	5565	9	June 26
Ryan, Michael	5421	2	Feb. 1
Reynew, George	5433	1	Feb. 12
Rozel, Adrian H	5459	4	Feb. 25
Rivard, Louis D	5465	7	Mar. 4
Regan, Dan	5468	1	Mar. 5
Ryan, Daniel	5475	3	Mar. 9
Roundean, Henry	5489	8	Mar. 20
Reed, Henry	5494	1	Mar. 23
Rogers, Henry	5496	8	Mar. 26
Reynolds, Thomas W	5505	2	Apr. 1
Richardson, Mat	5527	8	Apr. 28
Smith, Robert John	5405	1	Jan. 13
Sullivan, William L	5407	1	Jan. 14
Shoup, Alfred H	5411	3	Feb. 10
Stewart, Aura	5430	3	Do.
Smith, George W	5432	1	Feb. 12
Schunk, William	5434	5	Feb. 13
Schmidt, Herman E	5437	3	Feb. 15
Stone, Ernest	5440	7	Feb. 17
Scheonrock, Charles	5442	2	Do.
Savage, Emery	5443	9	Feb. 18
Smith, Daniel D	5444	3	Do.
Shinske, Rudolph	5455	1	Feb. 24
Strankel, William	5463	3	Mar. 3
Sylvester, Samuel	5478	3	Mar. 11
Stockwell, John	5498	12	Mar. 26

Engineers licensed—Port Huron, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Sayer, Joseph	5504	8	Apr. 1
Sylvester, Charles E	5541	2	May 15
Saunders, Millard	5577	15	July 13
Smith, Percy E	5578	5	Do.
Smith, John R	5588	15	Aug. 9
Stevens, Edward N	5594	8	Aug. 16
Turner, Albert	5413	2	Jan. 25
Trumble, Clinton J	5427	3	Feb. 4
Thrasher, George	5429	8	Feb. 10
Thurman, Fred	5438	4	Feb. 16
Thomas, Frank	5454	8	Feb. 23
Trinkwalder, Frank	5460	1	Feb. 27
Tucker, Harvey	5473	2	Mar. 8
Thomson, William C	5480	2	Mar. 11
Tucker, William H	5529	12	May 5
Trombley, Edward	5576	16	July 12
Tarr, Lynn	5589	7	Aug. 9
Urie, Robert	5536	13	May 10
Vollmer, Henry	5517	4	Apr. 15
Walsh, Michael	5406	4	Jan. 14
Watt, Archie	5453	2	Feb. 23
Ward, John	5456	1	Feb. 24
Wagner, Windelin	5487	7	Mar. 18
Wiley, Joseph L	5501	6	Mar. 29
White, George W	5509	6	Apr. 6
Winterhalter, Winfield	5530	9	May 5
Wheeler, S. H	5560	17	June 17
Walder, Joseph C	5567	4	June 29
First assistant engineers—Continued.			
White, Edward	5587	17	Aug. 4
Welsh, Fred	5597	2	Aug. 21
Warwick, Charles	8706	6	Oct. 14
Warner, John E	8714	1	Dec. 8
Young, William	5599	2	Sept. 17
Special engineers.			
Andrews, Ed	3214	3	Sept. 15
Davis, Albert	3204	6	Apr. 9
Davis, William H	3216	4	Sept. 17
Ferguson, Abram L	3208	5	June 7
Fox, Edwin J	3209	5	June 17
Fish, F. L. P	3215	7	Sept. 15
Holliday, Vernie	3219	3	Nov. 18
Inglehart, Jasper C	3211	2	June 30
Kreis, Louis	3217	8	Sept. 29
McHaney, John	3202	3	Mar. 22
Peterson, Orloff	3205	3	Apr. 16
Porter, Charles A	3226	4	May 13
Persons, John D	3210	6	June 19
Reed, Henry	3203	9	Mar. 22
Smalley, John L	3201	6	Feb. 15
Smalley, James H	3206	6	Apr. 20
Smith, Hurley B	3213	1	Aug. 13
Stager, Eugene	3218	5	Oct. 19
Wells, Elbert	3212	1	July 20
Wells, Elmer	3220	7	Nov. 23

LOCAL DISTRICT OF GRAND HAVEN, MICH.

Masters and pilots licensed during the year ended December 31, 1897—Grand Haven, Mich.

Name.	No. of license.	No. of issue.	Date of issue.
Ames, Richard H	10726	16	Apr. 5
Adams, Peter H	10749	16	May 24
Anderson, August E	10788	15	Aug. 13
Armstrong, William	10800	18	Oct. 1
Bennett, J. J	10701	13	Jan. 2
Burgess, A. E	10718	16	Mar. 1
Bennett, Alexander H	10730	18	Apr. 12
Bouchard, A. E	10743	27	May 11
Boynton, Granville W	10758	10	June 7
Bon, Lewis W	10762	16	June 12
Boynton, Lewis R	10776	28	July 17
Coleman, William J	10719	16	Mar. 22
Campbell, John M	10728	11	Apr. 9
Crall, William B	10735	10	Apr. 26
Cross, William W	10737	7	May 4
Coates, C. B	10744	5	May 14
Campbell, John	10752	16	May 27
Crowley, Lawrence	10754	5	May 28
Cavanaugh, John F	10768	9	June 28
Connell, Richard	10798	33	Sept. 24
Connelly, John A	10792	16	Aug. 23
Dykes, Edward H	10757	14	June 4
Dority, Frank A	10770	16	July 6
Dodd, Samuel	10773	11	July 12
Edwardson, Christian	10731	12	Apr. 13
Flagstad, Andrew	10733	19	Apr. 19
Franklin, William E	10741	13	May 7
Fikes, James S	12006	19	Nov. 17
Goldring, James H	10753	28	May 28
Grant, Otto	10755	12	Do.
Graves, Arthur R	10783	13	Aug. 4
Gnewuch, Charles	12002	26	Oct. 11
Huntoon, Lyman	10795	18	Sept. 8
Huff, John H	12001	15	Oct. 5
Ingraham, C. O	10712	15	Mar. 10
Johnson, Dallas	10707	12	Jan. 30
Johnson, August	10797	5	Sept. 18
Kitchen, Charles J	10704	19	Jan. 7
Kilty, Peter	10727	11	Apr. 9
Knudson, Evan L	10740	13	May 6
Klingbeil, William	10766	23	June 22
Kinney, Hiram M	10781	18	July 31
Kavanaugh, Phillip	12004	10	Oct. 22
Laffery, John	10717	20	Mar. 20
Lewis, Joseph	10724	5	Apr. 2
Loeffler, George	10771	14	July 9
Lyman, Charles A	10779	23	July 24
Lee, Seth	10787	14	Aug. 12
Milligan, Duncan	10703	4	Jan. 6
Mason, Christopher	10713	15	Mar. 12
McCambridge, Thomas	10720	21	Mar. 23
Mosier, Reuben H	10732	26	Apr. 13
Morrison, Charles D	10734	21	Apr. 26
Morris, David	10736	15	Apr. 30
McCarty, William	10761	8	June 12
McGregor, Peter	10769	19	June 30
Millen, Pheatt J	10772	27	July 12
Morgan, S. W	10777	15	July 20
McFarlane, Daniel	10778	20	July 22
Muir, John	10780	8	July 29
McRae, Murdock	10784	31	Aug. 9
Miller, Daniel F	10790	9	Aug. 16
Monro, Roderick	10791	9	Aug. 19
McCarty, John	10796	22	Sept. 8
Napier, Arthur N	12003	25	Oct. 15
O'Niell, Robert	10702	23	Jan. 6
O'Day, Simon	10725	11	Apr. 5
Oliver, Joseph	10748	17	May 24
Partridge, John P	10706	15	Jan. 20
Penfold, Jonathan	10709	21	Feb. 12
Parker, Orlando J	10716	14	Mar. 19
Plummer, Charles A	10739	11	May 6

Masters and pilots licensed—Grand Haven, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Partridge, Alferd	10763	20	June 19	Spencer, Nelson	10722	16	Mar. 26
Parks, Oscar E	10794	18	Aug. 30	Sanford, James	10723	16	Mar. 30
Raymond, Charles	10714	8	Mar. 15	Sanders, Horace L	10747	17	May 20
Robertson, William P	10729	17	Apr. 12	Sears, F. A	10750	4	May 27
Ryerse, Louis R	10738	11	May 4	Sterling, Louis H	10759	12	June 9
Robbins, Thomas	10742	9	May 11	Swails, Frank N	10785	7	Aug. 10
Rauville, Alexander	10746	17	May 17	Small, Ephriam S	10786	15	Aug. 12
Rogers, R. T	10751	20	May 27	Slyfield, Elmer E	10799	15	Sept. 28
Rudeck, Thomas	10756	14	June 2	Smith, Sylvester	12005	13	Nov. 2
Risto, Henry	10764	22	June 22	Tollock, Robert	10705	10	Jan. 15
Richardson, Frank	10767	16	Do.	Turubull, William	10745	22	May 17
Ried, Robert	10774	16	July 12	Upham, J. N	10789	19	Aug. 13
Rhode, John	10782	13	Aug. 4	Wilbur, Oscar E	10715	24	Mar. 16
Smith, Joseph F	10708	7	Feb. 12	Waitman, Charles	10765	23	June 22
Skeels, Edward Daws	10710	8	Mar. 1	Witherell, John	10775	22	July 15
Simonsen, John H	10711	8	Mar. 3	Waters, Thomas	10793	17	Aug. 24
Smith, Timothy D	10721	13	Mar. 23	Young, Horatio N	10760	12	June 12

Pilots licensed during the year ended December 31, 1897—Grand Haven, Mich.

First-class pilots.				*Second-class pilots*—Continued.			
Bussey, Louis	3904	4	Feb. 27	Carter, Cyrus H	3915	7	Feb. 25
Boynton, Albert	3911	10	Apr. 26	Craw, Alexander	3931	11	Mar. 23
Bassette, Anthony	3928	10	July 16	Cobb, Rushton B	3953	17	Apr. 21
Custer, Thomas	3908	3	Apr. 16	Chambers, Henry A	3973	11	June 2
Campbell, James	3919	14	May 24	Chapman, W. S	3981	8	June 18
Cross, Enoch D	3924	7	June 22	Chambers, Charles	3996	15	July 9
Carron, Samuel A	3925	7	June 30	Carter, Jeboam	4000	15	July 12
Cross, B. A	3931	13	July 29	Christiansen, Arnd	6303	1	July 16
Dame, Gilman M	3926	7	July 3	Chrysler, Walter E	6311	20	July 29
Evans, John	3902	7	Feb. 10	Campbell, Frank G	6348	10	Oct. 11
Fairchild, Albert	3912	15	Apr. 26	Dahlmer, Axel B	3905	7	Jan. 15
Gardner, Thomas	3916	14	May 11	Danforth, William C	3910	13	Feb. 5
Greenhalgh, Charles	3918	10	May 19	DeWitt, Herman	3938	4	Mar. 30
Holmes, Sivert	3913	4	May 1	Danforth, Henry	3943	14	Apr. 6
Halvorson, Hans	3915	17	May 7	DeHeer, Peter	6302	6	July 16
Hagerty, R. M	3935	18	Aug. 12	Dyckman, William	6353	15	Oct. 26
Heath, Clarence J	3938	18	Aug. 27	Degergus, John	6359	18	Nov. 11
Ingraham, Albert T	3906	6	Apr. 9	Dykehouse, Henry J	6360	1	Do.
Irons, Eddy	3923	11	June 12	Drumm, William J	6364	14	Dec. 13
Jones, Harry	3901	6	Feb. 8	Engbring, Theodore	3949	11	Apr. 16
Long Daniel	3917	17	May 14	Eisenbardt, George	3957	5	May 1
Lennox, Charles	3920	13	May 24	Edgecomb, William G.	6313	16	Aug. 4
McKay, Robert	3910	10	Apr. 19	Emory, Edwin M	6324	9	Aug. 19
Mollhagen, Gustave	3927	7	July 12	Emory, John U	6335	14	Sept. 8
Mallory, Charles A	3930	7	July 21	Field, Ami H	3951	17	Apr. 16
McDonough, John	3932	6	Aug. 10	Flagstad, Andrew, jr	3952	2	Apr. 19
Milchart, August C	3934	8	Do.	Flannagan, Patrick	3970	9	May 28
McIsaacs, Neil	3936	6	Aug. 16	Fisher, Peter	3993	5	June 28
McDonald, Robert	3939	14	Sept. 17	Fowler, Chesta A	6312	2	July 31
Ossignac, Louis	3914	8	May 3	Fisher, Walter	6339	6	Sept. 11
Palmer, Thomas K	3933	15	Aug. 10	Greilick, John	3904	19	Jan. 6
Russel, William	3907	9	Apr. 9	Gardner, William	3939	9	Apr. 2
Smith, James	3942	3	Nov. 16	Gondreau, Louis	3946	10	Apr. 12
Traill, Thomas	3909	13	Apr. 16	Geiken, G. C	6309	13	July 22
Vandenburgh, William	3929	9	July 20	Gallagher, James N	6316	1	Aug. 4
Webb, Charles B	3903	4	Feb. 25	Guilbault, Oliver	6340	9	Sept. 17
Warren, Joseph T	3921	8	June 7	Guard, Louis	6342	17	Sept. 20
Wallace, William	3922	7	Do.	Geer, William W	6343	7	Do.
Walsma, Thijs	3937	11	Aug. 21	Hollenbeck, Charles	3919	2	Mar. 11
Wilson, Haines A	3940	17	Sept. 28	Hibberdine, Eugene	3933	2	Mar. 26
White, John R	3941	13	Sept. 30	Harrington, Austin	3990	1	June 28
Zwemer, Everette	3905	4	Mar. 19	Hawley, Joseph	6310	15	July 29
				Johnson, Brent S	3948	7	Apr. 13
Second-class pilots.				Jensen, Peter	6307	8	July 21
				Jepson, George	6350	15	Oct. 15
Allger, Charles H	3956	12	Apr. 26	Kendrick, Fred	3916	7	Mar. 1
Avery, Fred N	6357	3	Nov. 2	Koenis, John	3924	7	Mar. 19
Broman, Axel H	3920	4	Mar. 12	Kent, Allen A	3925	9	Do.
Balow, Herman	3921	9	Mar. 15	Kelly, Daniel	3960	18	May 7
Bradley, James N	3940	16	Apr. 2	Krouse, Gustave	3983	16	June 18
Bunker, Jessie	6320	13	Aug. 12	Kennedy, Wallace	6314	14	Aug. 4
Boswell, Guy	6322	2	Aug. 14	Kimball, George S	6354	1	Oct. 26
Balow, Fred C	6334	5	Sept. 8	Long, Wilbur F	3922	17	Mar. 19
Brown, John B	6351	7	Oct. 16	Langer, Adolph	3928	2	Mar. 20

Pilots licensed—Grand Haven, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Lewis, John H	3969	18	May 28
Ludwig, V. B	3986	2	June 25
Left, Frank	6315	1	Aug. 4
Lutz, John	6362	5	Nov. 19
Moriu Edward	3903	1	Jan. 6
Mosier, Charles L	3908	14	Jan. 30
Mollhagen, Henry	3926	14	Mar. 19
McCann, John	3955	4	Apr. 26
Martin, John	3958	9	May 1
Mollhagen, Charles, jr	3966	8	May 24
McClure, Charles E	3977	5	June 9
Martin, Daniel J	3984	8	June 22
Myers, Joseph	6306	1	July 21
Martin, Edward	6317	2	Aug. 4
McClure, Jay	6321	15	Aug. 12
Murray, John	6323	10	Aug. 16
Miller, Albert	6328	6	Aug. 26
Moore, Charles C	6337	6	Sept. 8
Nauta, Tjaart	3945	12	Apr. 9
Nickett, Charles	3991	1	June 28
Napier, Clarence	6338	9	July 11
O'Beke, Adrian	3965	23	May 20
O'Neill, John	6363	16	Nov. 26
Padden, John D	3912	17	Feb. 20
Peterson, Charles	3947	8	Apr. 12
Parsons, William E	3950	11	Apr. 16
Plumm, Henry C	3954	14	Apr. 21
Parrish, David J	3988	16	June 25
Paxton, Charles	3995	10	July 3
Parkhurst, Reed	3997	3	July 9
Parker, Walter A	6308	1	July 22
Patterson, William	6330	24	Aug. 30
Perkins, Thomas B	6341	2	Sept. 20
Rydt, Henry F	3927	2	Mar. 19
Robinson, Leonard	3942	16	Apr. 6
Rogers, Hosea W	3968	1	May 27
Robinson, Charles	3980	14	June 15
Rose, Simon	3982	7	June 18
Risto, Edward	6305	7	July 21
Rumble, Joseph E., jr	6325	14	Aug. 21
Robinson, Oscar D	6336	19	Sept. 8
Richter, Charles, jr	6344	2	Sept. 22
Rice, Robert	6345	15	Sept. 24
Robinson, William	6346	2	Sept. 30
Smith, Henry J	3906	7	Jan. 20
Springstein, John	3907	7	Jan. 23
Smith, Charles J	3909	4	Feb. 1
Sherman, William W	3913	5	Feb. 20
Snyder, Frank P	3932	13	Mar. 26
Shriver, Charles	3934	6	Do.
Saulnier, Capit	3944	7	Apr. 9
Second-class pilots—Continued.			
Smith, John	3959	23	May 6
Snay, Joseph	3961	11	May 7
Smith, Michael	3963	16	May 20
Smith, David	3964	5	Do.
Sommerville, J. E	3967	8	May 24
Stone, Thomas	3974	19	June 2
Sudgen, Joseph	3975	7	June 3
Slyfield, George W	3976	8	June 7
Sell, William	6319	7	Aug. 10
Steimel, George, jr	6327	9	Aug. 24
Snay, John	6329	8	Aug. 26
Schippers, Henry	6349	10	Oct. 12
Stillson, Henry H	6358	7	Nov. 9
Schoenbeck, August	6361	18	Nov. 19
Sears, Frank M	3994	11	June 30
Slyfield, Charles B	6301	16	July 16
Thorson, Nicholas	3918	8	Mar. 10
Tulledge, Bernard F	3936	6	Mar. 30
Taylor, William C	3987	11	June 25
Thompson, James M	3992	16	June 28
Taylor, William S	6304	10	July 21
Thompson, George B	6332	15	Sept. 1
Todd, Albert W	6352	9	Oct. 21
Upham, Sherman D	3917	13	Mar. 2
Udell, Edwin R	3937	14	Mar. 30
Upham, Lucien B	3962	7	May 11
Valier, Joseph	3902	9	Jan. 2
Vanderveer, Cornelius	3914	6	Feb. 25
Ver Duin, William	3923	5	Mar. 19
Vanderburg, Corneil	3935	4	Mar. 29
Vanry, Frank	3941	6	Apr. 5
Vannater, J. B	3972	12	June 2
Van Valkinburg, Edwin R	3989	7	June 25
Vanderhoef, Ralph B	6326	13	Aug. 21
Van Streen, Martin B	6333	7	Sept. 1
Vanderhoef, Reuben	3998	25	July 12
Vaughan, T. W	6318	11	Aug. 6
Vanderveer, Tony	6355	21	Oct. 28
Williams, Howard L	3901	2	Jan. 2
Weckler, William	3911	14	Feb. 8
Wallace, Joseph	3930	7	Mar. 22
Wright, George J	3971	7	June 2
Walls, Severin H	3978	2	June 15
Welch, Lawrence E	3979	3	Do.
Wills, Phillip	3985	16	June 22
Wright, Charles	3999	10	July 12
Waters, George, jr	6347	13	Oct. 5
Wilson, Hulbert O	6356	11	Nov. 2
Young, James K	6331	8	Aug. 21
Zeitlow, Frank L	3929	7	Mar. 22

Joint pilots and engineers licensed during the year ended December 31, 1897—Grand Haven Mich.

Aubrey, Frank L	1480	6	Sept. 22
Burke, C. H	1455	5	Apr. 30
Baker, Frank R	1464	4	June 20
Bignell, Lemuel C	1483	3	Oct. 11
Bender, Henry S	1487	1	Nov. 11
Douville, Eugene	1463	3	June 25
Dunton, John C	1466	1	June 28
Engberg, Carl	1451	2	Jan. 2
Freund, Charles	1457	3	May 6
Gerber, Milton C	1470	1	July 14
Goold, John E	1473	2	July 21
Greilick, Henry	1479	4	Sept. 14
Howlett, Nelson R	1460	8	June 18
Hall, Sherwood	1462	5	Do.
Haukin, Delbert	1469	5	July 12
Ingleston, Henry H	1478	1	Aug. 31
Kelsey, W. S	1472	2	July 17
Knutson, Charles	1475	1	Aug. 17
Loescher, M. E	1459	1	June 18
Larson, H. B	1465	1	June 28
Lindt, John	1477	2	Aug. 26
Luce, Charles	1486	5	Nov. 6
McCracken, J. Harvey	1476	1	Aug. 21
Nuttall, William H	1485	5	Nov. 4
Poole, George A	1484	1	Oct. 27
Ringelberg, Peter	1482	7	Sept. 30
Sweet, H. W	1453	7	Apr. 30
Stokes, Edward	1456	4	May 1
Stowe, Lathrop C	1461	6	June 18
Staples, Dudley E	1468	6	July 9
Schuler, J. C	1474	3	July 22
Taylor, Guilford	1452	2	Apr. 30
Taylor, Perdy	1454	2	Do.
Wade, Fred	1458	1	May 27
Weed, Elmer E	1471	1	July 14
Wade, Benjamin F	1481	4	Sept. 28
Young, Erhard	1467	1	June 30

Engineers licensed during the year ended December 31, 1897—Grand Haven, Mich.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers.			
Ash, James	10906	15	Jan. 28
Ackerman, Albert	10913	6	Feb. 25
Ames, Lavane	10944	13	Apr. 12
Ackert, John M	10951	19	May 1
Adams, Louis B	10971	13	June 2
Anderson, John L	11000	14	Aug. 10
Allerton, James	11001	16	Do.
Barrows, Silas M	10911	16	Feb. 20
Brice, William E	10912	9	Do.
Ball, Cornelius	10919	13	Mar. 15
Brown, William H	10920	15	Do.
Barry, Eli V	10939	14	Apr. 9
Baker, Frank	10941	18	Apr. 12
Buxton, Frank	10947	9	Apr. 13
Butler, James	10957	18	May 11
Bender, Henry S	10975	13	June 9
Barron, Charles L	10976	40	June 12
Bradshaw, Henry	10984	23	July 3
Bates, E. A	10985	28	Do.
Bryce, Edgar F	10986	18	July 15
Brown, William F	10994	20	July 27
Bruce, Robert	11004	30	Aug. 14
Bruton, Henry	11019	1, 3	Sept. 17
Burnham, S. E	11026	23	Sept. 28
Baxter, William J	11031	7	Oct. 23
Backie, Martin	11043	5	Nov. 24
Baribeau, Della	11044	16	Dec. 1
Coe, Alfred H	10902	1, 13	Jan. 2
Christian, Emory	10953	18	May 1
Currie, Alexander	10954	28	May 4
Connell, Henry S	10991	6	July 21
Coates, Wayne	11006	23	Aug. 23
Costello, Frank	11033	20	Oct. 25
Dixon, Frederick	10908	18	Feb. 5
Dole, James K	10915	13	Feb. 25
Deremo, Clark	10933	20	Mar. 30
Densmore, George E	10943	6	Apr. 12
Dyckman, William, jr	10958	13	May 14
Depuy, George W	11011	8	Sept. 11
Drumm, Peter	11034	14	Oct. 27
Dahl, Christ	11035	17	Do.
Edwardson, John H	10938	8	Apr. 9
Eustice, Patrick	10959	15	May 14
Engbring, Theodore	10993	17	July 21
Edgecomb, William G	11028	19	Oct. 5
Eagan, Daniel D	11029	17	Oct. 11
Eddy, William N	11032	18	Oct. 23
Frazer, William	10907	17	Feb. 1
Fuller, Hiram B	10926	16	Mar. 23
Flint, Daniel	10956	9	May 11
Feldhak, August	10963	18	May 24
Fuerst, Charles	10964	15	May 28
Flanders, Milan C	10969	20	June 2
Flemming, Martin J	10987	21	July 15
Farnham, John T	11023	20	Sept. 22
Giddings, Leslie	10966	12	May 28
Goodrich, Charles M	10974	8	June 9
Golden, John	10996	24	July 31
Guard, Louis	11021	27	Sept. 20
Guard, Edward N	11022	17	Do.
Hall, Deark	10916	21	Feb. 26
Hollstelle, Fred	10917	14	Do.
Hinman, Fred A	10918	12	Mar. 16
Hineline, Edson	10921	16	Do.
Hallberg, Karl	10946	8	Apr. 13
Henry, Charles	10950	13	Apr. 27
Heath, George S	10970	18	June 2
Hopkins, Byron	10981	13	June 25
Harvey, George J	11025	8	Sept. 22
Hall, Daniel	11037	23	Nov. 2
Hitchcock, J. A	11042	21	Nov. 20
Jacobson, Jacob	10927	8	Mar. 23
Johnson, William F	10932	9	Mar. 30
Johns, Samuel J	11005	17	Aug. 23
Knisely, William S	10903	6	Jan. 7
Kemp, Charles H	10930	17	Mar. 26
Knudson, Joshua	10942	8	Apr. 12
Kirkland, Joseph	10972	12	June 3
Chief engineers—Continued.			
Keenan, Patrick	10989	16	July 16
Lanko, Frederick	10922	22	Mar. 16
Long, Wilbur F	10923	18	Mar. 19
Luikens, John	10935	18	Apr. 5
La Bounty, Charles	10978	15	June 15
Lutz, John	11020	18	Sept. 20
Leet, William H	11045	18	Dec. 4
Myers, James W	10949	7	Apr. 21
Miller, John	10955	22	May 4
McClure, Marshall H	10980	18	June 18
Miller, William L	10983	8	July 3
Muir, John	10995	18	July 29
Martin, William J	10999	33	Aug. 10
McClure, Jay	11003	18	Aug. 12
McAntee, Owen	11024	14	Sept. 22
McAntee, James	11030	17	Oct. 15
McKee, Allen	11038	14	Nov. 5
Minier, Fred	11039	19	Nov. 9
Nuttall, William H	10901	14	Jan. 2
Nyland, Henry	10967	13	May 28
Noyes, Charles	11014	10	Sept. 8
Nauta, Jacob	11027	14	Oct. 4
O'Connell, Henry	10936	22	Apr. 6
O'Connell, James	11015	21	Sept. 11
Peterson, Ralph	10945	14	Apr. 13
Parsons, William E	10948	15	Apr. 16
Phillips, G. J	10977	14	June 12
Parks, Joseph	10979	16	June 18
Pike, Edwin R	10982	22	June 29
Porter, Theodore	11016	18	Sept. 17
Perkins, George	11017	21	Do.
Petterson, Andrew E	11041	24	Nov. 11
Randall, Henry	10934	12	Mar. 31
Rigney, Callum	10940	14	Apr. 12
Robinson, Harry	10992	14	July 21
Rossea, Joseph	10997	16	Aug. 4
Riggs, George W	11018	21	Sept. 17
Stokes, Edwin	10905	14	Jan. 14
Seymour, Joseph	10914	15	Feb. 25
Schoolmaster, Henry	10925	6	Mar. 20
Snyder, F. P	10929	23	Mar. 26
Stark, John	10931	23	Mar. 29
Smith, Ambrose	10960	16	Apr. 15
Siminow, Adolphus	10998	20	Aug. 4
Southwell, W. J	11007	15	Aug. 23
Smith, William H	11008	4	Aug. 27
Stevenson, F. A	11009	3	Aug. 30
Stokes, Walter A	11036	19	Nov. 2
Stokes, James	11040	12	Nov. 9
Tupper, Lincoln N	10924	14	Mar. 19
Trimble, John	10952	16	May 1
Thornton, William	10965	20	May 28
Tyler, William	10988	16	July 16
Upham, Sherman D	10909	17	Feb. 17
Van Houghton, Barnum	10961	18	May 18
Vincent, Charles A	10973	15	June 9
Winkel, Frank	10910	6	Feb. 17
Wilson, William	10928	15	Mar. 24
Woodruff, Marion	10937	15	Apr. 6
Winkler, Herman	10962	18	May 18
Wilson, David	10968	8	June 2
Winkler, Richard	10990	17	July 16
Welch, Peter	11002	25	Aug. 12
White, Thomas	11010	17	Sept. 1
Walsh, Richard	11012	24	Sept. 8
York, Charles M	10904	10	Jan. 14
Young, H. N	11013	18	Sept. 8
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Adams, Peter	5267	11	May 4
Balow, Herman	5239	2	Mar. 31
Bowie, John	5287	12	June 7
Bunker, Milford	7604	1	June 28

Engineers licensed—Grand Haven, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Brule, Amis	7632	14	Aug. 10
Bennett, Joseph	7660	12	Sept. 24
Clements, Bert	5224	7	Mar. 3
Cobb, Rushton B	5257	14	Apr. 19
Crouch, George I	5263	12	May 1
Carter, Jeboam	7639	13	Aug. 19
Cobb, L. L	7641	16	Aug. 26
Drumm, Rudolph	5295	1	Aug. 19
Degergus, Edwin	7676	18	Nov. 30
Fisher, William	5293	19	June 12
Fritz, Emil	7607	3	July 3
Fikes, James S	7672	20	Nov. 17
Gee, James M	7603	15	June 28
Gale, Andrew F	7667	13	Oct. 15
Habel, August	5201	17	Jan. 2
Hally, William	5262	13	May 1
Hambley, George	5278	12	May 20
Howe, James W	5294	1	June 15
Holmes, Nelson	7630	15	Aug. 6
Kuehle, William R	7663	20	Sept. 30
Kennedy, Wallace	7670	14	Nov. 9
Leighton, Miles E	5223	8	Mar. 3
Lamereaux, Arthur	5231	2	Mar. 19
Lennox, George C	5292	4	June 9
Litney, Michael	7636	14	Aug. 14
Lang, Christopher	7675	13	Nov. 29
Mott, Ransom S	5211	3	Jan. 11
Mayhew, Henry	5216	12	Feb. 17
Martin, Barney	5227	5	Mar. 9
McGonegal, John	7611	16	July 12
McCartee, John	7613	14	July 15
Mastenbrook, John P	7674	13	Nov. 29
Newman, Edward	5254	15	Apr. 16
Parker, George S	7617	1	July 21
Pappineau, Clifford	7642	12	Aug. 26
Robinson, Leonard	5202	11	Jan. 2
Raher, Eli	5226	10	Mar. 9
Rounds, Walter S	5238	2	Mar. 29
Russell, Harden N	5275	5	May 14
Robinson, Daniel L	5283	8	May 28
Ryerse, Louis	5291	12	June 9
Rafferty, Joseph	5300	13	June 25
Shriver, George H	5210	8	Jan. 11
Spencer, Nelson	5237	11	Mar. 26
Sherman, Henry M	5255	6	Apr. 17
Smith, James R	5264	15	May 1
Smith, James W	5268	10	May 4
Sutherland, Joseph A	7605	14	June 30
Spellman, James	7612	11	July 12
Steimel, Charles E	7643	9	Aug. 27
Slyfield, Charles B	7673	16	Nov. 19
Vanderveer, Henry	5297	8	June 22
Van Zanten, Cornelius	7615	22	July 16
Valoise, Moses	7625	11	Aug. 4
Van Hall, John	7629	13	Aug. 6
Ver Duin, Louis	7633	2	Aug. 13
Van Toll, Art	7644	22	Aug. 30
Wilson, Stanley C	5246	5	Apr. 9
Wessies, Cornelius	5270	14	May 6
Wheeler, Lemon H	7648	8	Sept. 8
Waters, George H., jr	7650	14	Sept. 11
First assistant engineers.			
Adams, Bert R	5284	8	June 2
Bon, Charles H	5215	2	Jan. 12
Burns, Henry	5235	16	Mar. 24
Boardwell, A. E	5260	14	Apr. 26
Baker, Theodore	5273	10	May 14
Butler, Patrick	5276	13	Do.
Bullen, Harry E	5277	1	May 15
Boswell, H. T	5298	16	June 22
Boardwell, A. A	7606	17	July 3
Boyer, John H	7609	12	July 12
Brown, John B	7619	14	July 22
First assistant engineers—Continued.			
Belonnga, John	7621	9	July 27
Barlow, James	7622	16	Do.
Brownell, Alex	7623	8	Aug. 4
Boyd, Guy	7628	11	Do.
Bergen, George	7652	2	Sept. 17
Beebe, Fred	7658	2	Sept. 24
Blacklock, Thomas	7659	15	Do.
Blank, Louis	7669	11	Nov. 2
Backie, Samuel	7671	2	Nov. 17
Cater, Frank E	5212	15	Jan. 28
Cater, O. V	5217	13	Feb. 17
Caughell, William	5259	7	Apr. 26
Corrigan, John J	7602	15	June 15
Coleman, Frank	7627	13	Aug. 4
Cleghorn, John	7645	16	Aug. 30
Carrow, John	7677	17	Dec. 8
De Vor, Benjamin	5248	5	Apr. 13
Demming, Alton S	5269	3	May 6
Doyle, John F	5282	4	May 28
De Voe, George R	5286	13	June 2
Dole, Charles T	7610	15	July 12
Emory, Edwin N	5203	14	Jan. 3
Elliott, Durham	5241	15	Apr. 2
Ellens, Louis A	5252	15	Apr. 16
Eagan, Edward	5258	14	Apr. 21
Elliott, Thomas	7680	1	Dec. 15
Farnum, E. W	5261	13	Apr. 30
Furguson, Alex	7624	8	Aug. 4
Flansburg, Manasseh	7634	2	Aug. 14
Fahler, Mathias	7679	1	Dec. 15
Goss, Marshall	5204	14	Jan. 2
Grey, John C	5228	2	Mar. 11
Gagnon, Charles W	5289	12	June 9
Greilick, Rudolph	7614	1	July 15
Grotemat, Harry G	7668	3	Oct. 25
Greilick, Frank	7678	3	Dec. 8
Hattersley, William	5218	2	Feb. 20
Hopkins, George W	5236	14	Mar. 26
Habel, John	5242	2	Apr. 5
Houghtby, William H.	5271	14	Apr. 11
Hile, John H	5285	16	June 2
Hoffman, Charles	7637	2	Aug. 16
Hutty, John W	7656	1	Sept. 22
Ingleston, Raymond F.	5225	2	Mar. 6
Johnson, Adolph T	5299	12	June 22
Jacobson, Emanuel	7638	6	Aug. 17
King, Guy	7618	2	July 21
Kopfer, Charles	7626	14	Aug. 4
Kelly, John	7664	14	Oct. 11
Larson, Edward	5205	2	Jan. 2
Lowery, William	5240	2	Apr. 2
Leighthall, John	5243	13	Apr. 5
La Franier, Louis B	5250	12	Apr. 16
Lown, Edward F	5251	16	Do.
Matice, W. P	5208	12	Jan. 11
McLean, Peter A	5213	2	Jan. 28
Moore, Harry	7620	10	July 27
Morse, Albert	7631	14	Aug. 10
Miller, Stephen A	7635	14	Aug. 14
Mollhagen, Alfred	7646	15	Aug. 30
McDougell, Neil	7651	7	Sept. 17
Morin, Triffly	7665	15	Oct. 12
Nelson, Chris	5288	16	June 7
Noeson, John	5296	15	June 22
Nowland, Thomas E	7608	19	July 9
Ott, William H	5214	3	Jan. 28
O'Neill, Robert	5290	18	June 9
Porter, Daniel B	5209	9	Jan. 11
Patterson, George	5219	2	Feb. 20
Page, Robert	5244	12	Apr. 6
Paxon, Henry C	5256	7	Apr. 19
Peck, Bertie	5272	14	May 14
Pappin, George	5281	14	May 28
Potvin, Joseph	7601	12	June 25
Payne, William	7640	10	Aug. 21
Perrin, Earle M	7662	3	Sept. 28

Engineers licensed—Grand Haven, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Rainourd, J. Edmund	5230	8	Mar. 16
Robertson, Henry F	5279	15	May 20
Redner, Clarence E	7653	1	Sept. 18
Rode, William J	7657	6	Sept. 22
Rice, Robert B	7661	17	Sept. 24
Schmidtman, August	5206	15	Jan. 2
Sanford, Isaac H	5207	2	Jan. 7
Smith, Ernest F	5220	2	Feb. 20
Schuman, Albert F	5221	5	Do.
Stellmers, Lorenz	5233	12	Mar. 23
Stoker, Robert	5234	11	Do.
Shaver, Samuel	5247	15	Apr. 12
Stroebel, Henry	5249	7	Apr. 13
Smith, Otto G	5265	10	May 1
Smith, John	5266	15	Do.
Sutherland, George P	5274	13	May 14
Slater, Louis	5280	10	May 24
Suckow, Gustave	7616	3	July 21
Story, Frank H	7649	7	Sept. 10
Smith, Louis	7655	16	Sept. 20
Smith, James	7666	19	Oct. 15
First assistant engineers—Continued.			
Thieleman, Robert	5229	5	Mar. 15
Van Brunt, George I	5232	2	Mar. 19
Vaughan, T. W	5245	10	Apr. 9
Vanderhoef, Orson	5253	18	Apr. 16
Voorheis, Elton I	7654	15	Sept. 20
Whiting, George	5222	14	Mar. 3
Washburn, O. S	7647	12	Sept. 8
Special engineers.			
Burgess, Fred W	3007	3	June 28
Cluchey, Michel O	3003	2	Apr. 2
Hoyt, Clarence C	3002	4	Feb. 11
Metcalf, Joseph	3004	6	May 4
Miller, Silas	3008	7	July 12
Morrissay, John M	3009	1	July 21
Newton, William P	3001	2	Jan. 2
Stebbins, Noah	3066	1	June 19
Tyrer, A. H	3005	4	May 28
Welch, Lawrence E	3010	4	Oct. 25

LOCAL DISTRICT OF MARQUETTE, MICH.

Masters and pilots licensed during the year ended December 31, 1897—Marquette, Mich.

Name.	No. of license.	No. of issue.*	Date of issue.
Ackrill, William D	10834	24	June 29
Ames, Augustus	10846	13	Aug. 2
Brownell, Joseph A	10804	6	Mar. 24
Bartley, Casper	10805	16	Mar. 30
Burns, Charles E	10809	15	Apr. 23
Bernier, Edward	10812	15	Apr. 29
Bartley, George B	10817	25	May 10
Bell, James	10821	24	May 17
Bourassa, Joseph	10854	18	Sept. 1
Bussiere, Louis	10862	15	Sept. 18
Black, Wm. A	10874	2	Oct. 26
Carns, Edward	10806	17	Apr. 1
Carloss, William S	10818	15	May 10
Christy, Charles	10838	27	July 7
Carbine, Timothy	10847	12	Aug. 9
Clow, James M	10849	16	Aug. 17
Coffey, Daniel	10876	13	Nov. 4
Devaney, John	10839	16	July 9
Detlefs, Emil	10857	10	Sept. 11
Dashaw, Thomas	10866	12	Oct. 4
Dalton, Joseph M	10869	18	Oct. 4
Endress, Emil G	10808	17	Apr. 17
Edwards, Edward	10822	19	May 28
Everett, Charles M	10828	21	June 7
Frame, Charles M	10820	17	May 15
Fox, Benson	10836	1, 6	July 1
Freschette, William	10844	21	July 31
Golden, Martin	10853	23	Sept. 1
Goodrow, Fred	10858	1, 7	Sept. 13
Girvin, Samuel	10875	18	Oct. 29
Hursley, Jay	10823	22	May 28
Hursley, George E	10827	11	June 4
Harrow, Washington B.	10840	18	July 16
Houghton, Elijah P	10842	7	Do.
Hale, Charles H	10852	1, 10	Aug. 30
Hursley, Wayne	10872	25	Oct. 23
Harrow, Henry C	10877	14	Nov. 5
Ingraham, Freeman E.	10859	5	Sept 13
Johnson, Robert D	10831	1, 19	June 21
Kruger, Anthon O	10865	9	Oct. 2
Lewis, Benjamin	10813	1, 9	Apr. 30
Lowe, James B	10826	16	June 4
Leeson, William N	10841	18	July 16
La Compt, Gustav	10855	11	Sept. 7
Lindquist, Axel V	10856	27	Sept. 8
McCorquodale, R. C	10802	14	Mar. 1
Meyers, Ernest	10814	21	May 1
Mooney, Edward	10816	30	May 8
Megarvey, William	10825	13	June 4
Moiles, Charles B	10829	14	June 9
McGuire, Patrick H	10830	26	June 18
McWilliams, John	10835	15	June 29
Mondor, John B	10843	22	July 19
Marr, George A	10850	8	Aug. 20
McKenzie, Hugh	10873	25	Oct. 23
Norton, Daniel J	10864	14	Oct. 1
Phelps, George W	10824	18	June 2
Paul, Joseph	10871	21	Oct. 23
Rogers, Fred C	10801	15	Feb. 3
Ryerse, Frank H	10803	1, 6	Mar. 24
Ryerse, Fred. G	10807	9	Apr. 14
Ripley, Charles	10837	12	July 3
Rood, James B	10848	25	Aug. 16
Rouleau, Joseph	10867	24	Oct. 6
Rogers, Harry	10878	15	Nov. 6
Stafford, Thomas	10810	31	Apr. 23
Scott, Sydenham	10815	21	May 5
Sloan, Thomas	10819	10	May 11
Shipman, George F	10851	16	Aug. 23
Stevenson, James	10861	16	Sept. 17
Taylor, Alfred	10811	28	Apr. 27
Trempe, Alfred	10832	29	June 21
Tallion, David	10845	26	Aug. 2
Taylor, Joseph, jr	10863	13	Sept. 27
Wilson, Alexander	10833	6	June 26
Wilkinson, William	10860	14	Sept. 14
White, Joseph	10868	15	Oct. 9
Winegar, Byron D	10870	12	Oct. 23

*Number of issue of current grade and the number of issues of all grades.

Pilots licensed during the year ended December 31, 1897—Marquette, Mich.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Atwood, John W	4040	9	Aug. 2
Bullion, Joseph	4032	6	June 28
Bartman, Henry T	4048	7	Sept. 19
Bernard, Frank	4054	17	Oct. 8
Bolton, Abraham	4056	15	Oct. 2
Boudage, Frank	4059	7	Nov. 9
Bernard, Leon	4062	24	Nov. 24
Brown, John E	4063	16	Dec. 6
Cunning, Alexander	4010	8	Mar. 29
Campbell, William	4027	8	June 14
Church, J. Wells	4029	14	June 15
Cusack, Maurice	4031	16	June 23
Chandler, G. A	4035	26	July 3
Cameron, Charles H	4039	5	July 31
Carloss, Frank J	4041	5	Aug. 5
Callahan, Thomas	4044	12	Sept. 1
Calverley, William D	4046	16	Sept. 4
Cater, Frank E	4047	14	Sept. 9
Coffee, John	4061	15	Nov. 24
Chapman, Andrew J	4064	7	Dec. 18
Desforges, John P	4025	13	June 4
Didier, Peter	4037	14	July 17
Davis, William	4052	5	Oct. 4
Ermatinger, John	4036	23	July 16
Foster, Philetus	4053	8	Oct. 8
Gunderson, Ole	4015	3	Apr. 17
Greenleaf, Joseph	4023	13	June 2
Glenn, Alexander	4034	6	June 28
Hart, Levi W	4011	2	Apr. 3
Hume, William	4013	9	Apr. 7
Jergens, Fred	4002	4	Jan. 12
Johnston, Henry G	4008	16	Mar. 25
Lutz, Edward	4001	3	Jan. 11
La Due, Edward	4007	3	Mar. 12
Landfair, Bert. M	4019	7	June 1
McCauley, Pat	4005	4	Feb. 24
McCauley, Con	4012	10	Apr. 6
McCauley, Charles	4014	9	Apr. 9
Mathews, Charles	4021	4	June 2
McDonald, William	4030	6	June 21
Mason, Charles D	4038	5	July 26
McMenemy, William J	4043	4	Aug. 31
Nelson, Frank E	4017	1, 10	May 3
Nolan, John J	4033	1, 9	June 28
Parker, John	4022	15	June 2
Picard, John	4026	16	June 4
Picard, Joseph	4042	27	Aug. 20
Payment, Albert	4051	11	Oct. 4
Picard, David	4060	23	Nov. 10
Riell, Joseph	4024	4	June 3
Riffenburg, Charles	4028	9	June 15
Riell, Nicholas	4049	14	Sept. 21
Ripley, Norman	4050	19	Sept. 24
Riell, Stephen	4055	16	Oct. 18
Richards, John P	4057	10	Nov. 4
St. Bernard, Jewett	4004	7	Feb. 11
Sewell, William E	4020	18	June 1
Shelden, Carlos D	4045	17	Sept. 4
Theriault, Joseph U	4003	7	Feb. 2
Thibault, Peter R	4006	2	Mar. 11
Trempe, Theophile A	4016	16	Apr. 30
Taylor, Joseph	4058	30	Nov. 4
Weaver, George W	4009	1, 5	Mar. 29
Wendt, Henry	4018	8	May 5
Second-class pilots.			
Allie, David	4002	2	Jan. 26
Anderson, Albert L	4100	3	Nov. 11
Berg, Isaac	4007	1	Feb. 18
Bourassa, Edward	4019	2	Apr. 1
Bartley, Frank	4021	2	Apr. 8
Berg, Harold	4023	10	Apr. 9
Bouschor, David E	4060	4	Aug. 5
Bussiere, Edward	4080	14	Oct. 2
Bayliss, Joseph E	7203	2	Dec. 4
Cook, John H	4004	7	Feb. 10
Campbell, John P	4008	7	Feb. 25
Second-class pilots—Continued.			
Casey, James	4014	4	Mar. 19
Clark, William A	4020	11	Apr. 3
Cavanaugh, James	4027	7	Apr. 29
Church, George M	4041	8	June 15
Columbe, Joseph	4049	12	July 12
Corgan, William J	4064	1	Aug. 17
Corgan, Henry	4071	4	Aug. 31
Croze, Joseph	4075	6	Sept. 17
Cornell, John W	4078	5	Sept. 23
Carrigan, Joseph W	4084	9	Oct. 16
Courchen, Andrew C	4094	16	Oct. 26
Campbell, Neil	7204	10	Dec. 6
Drennan, John	4018	7	Mar. 30
Davidson, William C	4025	17	Apr. 29
Dunbar, F. E	4032	8	May 10
Dalton, Edward E	4050	8	July 12
Dawson, Robert	4095	4	Nov. 1
Dolsen, Frank	7205	3	Dec. 20
Folster, George R	4043	12	June 26
Ferguson, Thomas	4047	14	July 3
Fennesy, John	4048	7	July 12
Farnsworth, George J	4052	7	July 16
Freeman, James	4054	3	July 19
Ferguson, Andrew	4073	9	Sept. 10
Foster, William W	4076	10	Sept. 18
Gillett, John H	4003	11	Feb. 5
Grainger, William S	4005	2	Do.
Garland, Edward S	4011	7	Mar. 2
Gagnon, Elie	4056	9	July 24
Gagnon, Samuel L	4083	8	Oct. 11
Hickler, John H	4063	8	Aug. 16
Hill, Robert	4077	5	Sept. 18
Hickler, Henry	4082	14	Oct. 6
Hickler, John	4086	15	Oct. 18
Jacker, Edward	4009	2	Mar. 1
Jalindron, Joseph	4026	15	Apr. 29
Johnston, Coridan	4030	11	Apr. 30
Joslin, Uriah H	4034	12	May 10
Jansen, Peter	4058	5	July 31
Jordan, Peter	4098	6	Nov. 4
Lower, George H	4010	9	Mar. 2
Leighton, Byron A	4024	6	Apr. 12
Landford, Isaac L	4035	18	May 15
Leonard, George H	4055	2	July 21
Luckes, Robert H	4088	6	Oct. 18
Murphy, Oswald	4001	4	Jan. 11
McCauley, James	4006	1	Feb. 15
McGregor, Duncan J	4013	1	Mar. 12
McLean, Wm. B	4016	8	Mar. 25
McCauley, Daniel F	4039	4	June 2
McCullough, James	4042	8	June 23
Morris, Frank	4067	3	Aug. 20
Moiles, George W	4072	5	Sept. 4
McDonald, Dan	4079	11	Sept. 25
Miniclier, Chas	7202	2	Nov. 23
Olsen, Nels	4061	9	Aug. 5
O'Brien, Michael	4065	13	Aug. 20
Parker, William	4015	5	Mar. 24
Purdy, Charles F	4028	16	Apr. 30
Prior, Thomas	4040	15	June 14
Picard, Joseph, jr	4066	9	Aug. 20
Payment, Fred	4081	7	Oct. 4
Quinn, Samuel	4085	15	Oct. 18
Robinson, Samuel S	4022	4	Apr. 8
Rogers, George	4038	12	June 2
Rice, John	4093	8	Oct. 26
Ripley, Charles A	4096	1	Nov. 4
Sterling, William P	4031	8	May 10
Smith, Francis P	4044	8	June 28
Smith, Charles P	4051	9	July 13
Sullivan, Thomas	4074	2	Sept. 11
Spring, Maurice	4090	7	Oct. 21
Still, Jasper	4091	8	Do.
Story, Frank H	7201	11	Nov. 23
Thorn, Henry, jr	4029	4	Apr. 30
Troden, John H	4059	12	Aug. 5
Thebo, Joseph	4092	7	Oct. 25
Werner, Samuel	4012	7	Mar. 7

Pilots licensed—Marquette, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Special pilots*—Continued.			
Wirth, Louis K	4017	10	Mar. 26	Ewing, Tunis C	4089	2	Oct. 18
Watson, Clark A	4036	6	May 28	Hansen, Hans Peter	4099	2	Nov. 4
Wilson, Worship	4097	2	Nov. 4	Mason, Richard P	4057	5	July 26
Young, Charles A	4045	9	June 30	Peterman, Albert F	4062	1	Aug. 7
Zess, Isaac	4037	1	June 1	Powers, William R	4069	1	Aug. 30
				Stephenson, George L	4033	3	May 10
Special pilots.				Stanton, Frank McM	4046	1	July 2
				Slock, Louis	4053	5	July 16
Butterfield, Alva	4068	5	Aug. 30	Scranton, Gilmore G	4087	8	Oct. 18
Christensen, Chris	4070	1	Do.				

Joint pilots and engineers licensed during the year ended December 31, 1897—Marquette, Mich.

Agnew, Abel F	1508	4	July 31	Edwards, John H	1509	3	July 31
Bernier, Edward	1507	4	Do.	Hodge, Frank M	1505	4	July 12
Brainard, Ira F	1511	7	Aug. 5	La Point, Alexander	1512	5	Aug. 9
Berg, Andrew	1514	4	Dec. 23	McKerchie, Benjamin	1503	7	June 9
Cleary, Henry J	1501	3	Mar. 29	Tilley, James F	1502	1	Apr. 9
Church, Philetus M	1504	7	June 21	Taylor, Fred Morse	1506	5	July 20
Cosford, Joseph C	1510	4	Aug. 2	Wheatley, William H	1513	1	Aug. 23

Engineers licensed during the year ended December 31, 1897—Marquette, Mich.

Chief engineers (ocean).				*Chief engineers (inland)*—Continued.			
Crawford, Alexander	11150	26	Aug. 23	Graham, John H	11167	12	Oct. 12
Moore, Stewart H	11138	12	July 14	Gagnon, January S	11176	17	Dec. 8
				Horgan, Thomas	11102	9	Feb. 15
Chief engineers (inland).				Hursley, Jay	11131	14	June 28
				Hull, Isaac	11134	24	July 12
				Hill, George M	11137	17	Do.
Allie, George W	11122	13	June 2	Herbert, Moise	11141	16	Aug. 2
Adams, Arthur	11142	16	Aug. 2	Hazen, William H	11149	17	Aug. 20
Auger, Onesine	11151	19	Aug. 23	Hale, Charles H	11153	22	Aug. 30
Albee, Charles M	11154	18	Aug. 31	Hickler, Thomas	11155	17	Sept. 1
Bruce, Alfred	11101	22	Jan. 19	Helmert, John	11162	22	Sept. 20
Brundage, George H	11103	16	Feb. 27	Jacques, Oliver	11120	10	June 2
Bartley, George, jr	11106	9	Mar. 26	Kellogg, Edward B	11121	18	Do.
Bacon, Edward C	11119	19	June 1	Kelley, Thomas B	11127	30	June 4
Barr, Arthur A	11125	14	June 3	Kelly, James	11171	21	Oct. 21
Burns, John N	11132	16	July 3	Lewis, Mall R	11105	6	Mar. 20
Barnard, Henry	11158	20	Sept. 14	Larson, Alfred	11117	17	May 10
Buchanan, William	11160	16	Sept. 17	Larson, Frederick	11139	18	July 21
Beauchamp, Moise	11178	19	Dec. 23	McLennan, Donald L	11107	11	Mar. 26
Cosford, Joseph C	11112	13	Apr. 19	Madden, Michael F	11110	6	Apr. 12
Clemens, William I	11130	13	June 15	McCabe, Frank I	11111	8	Apr. 14
Cook, Frederick J	11135	13	July 12	McLaughlin, Richard	11113	14	Apr. 29
Carpenter, Cyrile	11148	25	Aug. 20	Marks, Benjamin M	11116	17	May 10
Cunliff, James	11152	10	Aug. 24	McDonald, John E	11123	18	June 2
Cady, Alfred	11168	14	Oct. 14	McArthur, John	11126	18	June 3
Caswell, James A	11170	14	Oct. 21	Minnie, Raymond J	11146	14	Aug. 20
Cook, Jared R	11173	17	Nov. 5	McMaster, James	11156	26	Sept. 2
Chalk, Michael F	11175	13	Dec. 6	MacKay, Hector	11177	17	Dec. 23
Dillon, Michael J	11129	14	June 10	O'Brien, M. H	11164	16	Sept. 22
Elliott, Charles D	11163	1, 8	Sept. 20	Rains, Norman	11157	12	Sept. 4
Eason, Charles I	11169	9	Oct. 18	Roll, Frank M	11174	10	Nov. 17
Ferry, Henry M	11108	12	Apr. 2	Scofield, Nathan	11114	16	May 3
Farr, William H	11133	15	July 3	Stirling, William P	11115	17	May 10
Fullmer, Frank	11147	15	Aug. 20	Stoner, Almon H	11128	20	June 10
Frechette, Michael	11172	25	Oct. 29	Swaty, Thomas P	11136	17	July 12
Glode, James	11109	6	Apr. 12	Stalker, Archie	11140	10	July 28
Godley, Thomas	11118	11	May 29	Smith, Philip H	11143	16	Aug. 2
Greenleaf, Joseph	11124	20	June 3	Seigneire, Emelieu	11159	19	Sept. 17
Grieves, James	11145	18	Aug. 17	Spaulding, Rufus	11161	12	Do.
Gibson, Henry	11165	8	Sept. 22	Vanderstone, John	11104	20	Feb. 17
Grassel, Jacob	11166	24	Oct. 6	Whittier, Frank	11144	14	Aug. 9

Engineers licensed—Marquette, Mich.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Buhro, Gustav	5325	7	May 8
Bennett, Thomas O	5349	4	July 19
Berry, Charles	5383	17	Nov. 18
Church, J. Wells	5339	13	June 15
Campbell, Daniel	5340	9	June 21
Davis, John P	5364	8	Sept. 8
Frame, Charles M	5326	15	May 15
Gagnon, Peter	5361	15	Aug. 31
Garrison, John O	5385	18	Dec. 8
Hosking, John	5344	16	July 3
Kirby, George	5305	11	Feb. 15
Livermore, Dell	5368	1	Sept. 20
Moore, Alfred	5315	14	Mar. 29
McMasters, George C	5375	15	Oct. 6
Olsen, Thomas	5329	2	May 17
Robinson, Samuel S	5362	7	Sept. 4
Shewfelt, William	5319	2	Apr. 7
Saunders, Charles E	5333	17	June 5
St. Andre, James	5334	17	June 7
Sharbenaux, Adolph	5382	13	Nov. 15
Tourville, Joseph	5374	7	Oct. 2
Van Riper, Garrett	5370	5	Sept. 22
First assistant engineers (inland).			
Blanchard, Eli J	5307	2	Feb. 27
Boyer, Joseph	5312	5	Mar. 19
Beauchemein, Arthur	5342	12	June 25
Boyce, William	5343	9	June 26
Bussiere, Edward	5348	16	July 12
Bridger, James	5357	8	Aug. 9
Berry, Albert	5358	5	Aug. 17
Bourrassa, Telesphore	5360	12	Aug. 23
Coffey, Richard	5328	5	May 17
Campbell, William L	5359	6	Aug. 20
Crossman, John	5381	11	Nov. 15
Dunn, William	5310	3	Mar. 9
Drappo, Frank	5324	9	May 1
Davidson, Wm. C., jr	5331	5	June 2
Dalton, Joseph M	5378	14	Oct. 21
Elliott, Rodney	5318	3	Apr. 7
Farley, James	5303	1	Jan. 14
Fisher, Charles F	5345	7	July 5
Freshette, Francis	5353	11	July 26
Gallagher, John	5308	5	Mar. 3
Garey, William	5317	4	Apr. 2
Gagnon, Samuel L	5365	9	Sept. 14
Graham, Thomas	5369	16	Sept. 22
Hart, Frank	5313	3	Mar. 24
Hess, James F	5372	5	Oct. 2
Johnson, John	5316	2	Apr. 2
First assistant engineers (inland)—Continued.			
Jackson, Henry S	5323	5	May 1
Jordan, John	5352	3	July 26
Koller, William	5386	5	Dec. 27
Leighton, Boardman	5314	8	Mar. 27
Law, Edwin J	5327	5	May 15
Lapish, Fred. C	5337	8	June 10
Leeson, William N	5346	14	July 12
Langer, Frank	5367	7	Sept. 20
McGraw, William	5320	5	Apr. 12
Miller, Joseph F	5347	14	July 12
Miles, David	5355	15	Aug. 2
Mason, Richard P	5356	5	Aug. 6
McGrory, Philip	5363	11	Sept. 8
Mulholland, James	5366	14	Sept. 17
Meron, William	5376	18	Oct. 6
Moderson, Charles W	5377	4	Oct. 15
Malone, William	5384	5	Nov. 22
Norton, Loveatus	5306	2	Feb. 24
Nelson, Frank E	5336	15	June 9
Neveau, William	5373	10	Oct. 2
Rice, Wesley	5321	5	Apr. 21
Raines, Xavier	5338	7	June 10
Sebastian, John	5302	14	Jan. 11
Smith, Henry G	5311	7	Mar. 17
Sturgis, Mason H	5332	11	June 5
Sebastian, David	5335	15	June 9
Swart, Edgar J	5371	4	Sept. 24
Sandquist, Edward	5379	8	Oct. 25
Tucker, George F	5341	13	June 21
Tate, William	5354	16	July 26
Verville, Frank	5304	7	Jan. 18
Van Riper, Richard W	5309	2	Mar. 9
Wright, James H	5301	9	Jan. 11
Wilson, Gordon	5322	10	Apr. 29
Wirth, George W	5250	12	July 19
Wilde, Franklin N	5351	14	Do.
Wixted, James	5380	6	Oct. 29
Second assistant engineer (inland).			
Knieps, Frank W	5330	8	May 17
Special engineers.			
Bailey, Samuel W	3103	6	Aug. 9
Cuyler, Oscar	3101	2	May 11
Church, George M	3107	9	Oct. 22
Evans, John	3102	3	May 18
Ewing, Charles M	3106	2	Oct. 20
Funke, John	3104	4	Aug. 20
Kraemer, John M	3105	2	Sept. 17

NINTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF BUFFALO, N. Y.

Masters and pilots licensed during the year ended December 31, 1897—Buffalo, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
Blair, Hugh	6609	16	Feb. 1
Bernie, Alexander	6613	10	Feb. 15
Bordeaux, George	6632	32	Apr. 3
Byrne, John	6633	26	Do.
Bain, Isaac G	6648	23	Apr. 10
Baxter, John H	6675	8	Apr. 21
Bugge, Ulrich George	6692	9	May 14
Buie, John	6701	21	May 10
Bates, Barclay P	6709	15	May 13
Burns, William	6717	13	Apr. 17
Beltz, William H	6720	16	Apr. 19
Bolster, William	6729	20	Apr. 27
Bessette, Joseph	6746	13	June 10
Burns, John	6757	10	June 30
Broderick, Phillip	6764	11	July 7
Burns, John	6769	10	July 14
Barney, John S	6787	23	July 27
Barlon, Thomas	6790	1	July 28
Bradford, A. C	6839	14	Sept. 21
Buie, Dougald	6842	29	Sept. 22
Buie, Duncan	6844	21	Sept. 24
Brown, Charles T	6860	22	Oct. 16
Burton, Thomas	6864	28	Oct. 21
Connors, James	6608	26	Jan. 23
Chatterton, Neil	6615	30	Feb. 20
Clark, William E	6620	14	Mar. 12
Coleman, Jeremiah	6628	12	Mar. 29
Cavers, William	6641	8	Apr. 7
Cunningham, James	6647	10	Apr. 10
Crequi, Joseph	6650	13	Apr. 12
Camparo, William H	6651	29	Do.
Clark, George H	6685	12	Apr. 26
Clark, Remington M	6707	16	May 12
Coulter, John	6710	9	May 13
Collins, James I	6718	9	May 19
Cody, Urban S	6733	9	May 28
Callahan, John A	6741	18	June 5
Carr, Michael	6774	17	July 17
Carroll, Thomas	6802	19	Aug. 10
Conlin, Frank	6807	8	Aug. 13
Cook, John A	6808	14	Aug. 17
Collins, Joseph	6812	11	Aug. 21
Chamberlain, Saml. R	6827	8	Sept. 11
Chatterten, S. E	6830	27	Sept. 16
Casey, Thomas	6847	20	Oct. 4
Christian, Robert O	6852	10	Oct. 7
Chute, Freman	6861	18	Oct. 16
Clark, Alexander	6866	34	Oct. 23
Cholcroft, Frederick	6871	18	Nov. 4
Coughlin, Daniel	6877	36	Nov. 16
Dickson, William	6605	39	Jan. 11
Dugan, John	6635	12	Apr. 5
Dunn, Thomas	6642	17	Apr. 7
Dickson, George	6643	15	Apr. 8
Driscoll, Dennis	6645	15	Do.
Delaney, George	6652	12	Apr. 15
Dunn, John	6728	20	May 25
Doyle, Thomas J	6738	16	June 2
Doherty, James	6743	12	June 7
Donavan, Timothy	6749	23	June 22
Dayton, George	6775	15	July 17
Driscoll, James H	6778	9	July 19
Donahue, Joseph	6783	24	July 24
Dunn, John	6804	10	Aug. 12
Doherty, John	6810	18	Aug. 19
Davis, George	6813	44	Aug. 26
Doyle, James	6829	27	Sept. 15
Durand, Homer	6869	9	Nov. 1
Drake, James	6872	35	Nov. 5
Drury, Robert	6878	19	Nov. 20
Davidson, James	6881	11	Dec. 1
Egan, Thomas	6696	7	May 6
Edwards, John	6698	30	May 7
Estes, James B	6726	16	May 24
Elliott, William	6732	11	May 27
Evans, Robert T	6792	11	July 31
Ellis, Thomas C	6843	28	Sept. 24
Edwards, M. F	6853	8	Oct. 7
Fredricks, Charles W	6618	15	Mar. 6
Fisher, John	6649	15	Apr. 10
Forton, Tousant R	6663	22	Apr. 17
Foley, John	6694	27	May 5
Furey, Charles S	6702	19	May 10
Fontaine, James P	6744	9	June 8
Farrell, William	6753	6	June 25
Frawley, Joseph	6799	13	Aug. 7
Fletcher, Andrew W	6801	16	Aug. 10
Flaherty, William E	6805	13	Aug. 13
Ferguson, Horace H	6828	22	Sept. 14
Folan, Michael	6855	14	Oct. 12
Galvin, Michael J	6601	13	Jan. 4
Gillers, Donald	6640	25	Apr. 6
Gunnis, William E	6644	14	Apr. 8
Green, James H	6680	20	Apr. 24
Golden, John	6687	14	Apr. 27
Gilbert, Abner G	6706	11	May 11
Golden, Samuel	6712	20	May 15
Gebhard, Frank R	6722	21	May 19
Glover, John R	6723	15	May 21
Gibson, James	6746	38	June 9
Goodrow, Frank	6762	3	July 23
Gillson, Jessie N	6781	3	Do.
Green, Andrew J	6784	11	July 26
Green, Oliver	6788	16	July 27
Gardner, A. F	6811	22	Aug. 20
Green, John D	6824	16	Sept. 8
Gibson, James R	6837	8	Sept. 21
Gillis, John	6840	14	Sept. 22
Galton, Charles B	6846	18	Oct. 1
Gillers, Alexander	6850	13	Oct. 5
Gilson, George D	6863	10	Oct. 19
Green, Orville W	6867	15	Oct. 26
Hall, John B	6611	35	Feb. 10
Howell, Paul	6623	17	Mar. 18
Hullegan, Joseph	6631	24	Apr. 2
Huyck, Frank B	6658	14	Apr. 16
Huff, Albert E	6666	17	Apr. 19
Hannett, James	6676	21	Apr. 21
Hazen, William H	6682	15	Apr. 24
Harrington, Jeremiah	6700	13	May 3
Hayes, John	6750	29	June 22
Holz, William	6802	19	Aug. 10
Hergenrother, John A.	6806	8	Aug. 13
Hoffman, Fredrick	6826	13	Sept. 11

Masters and pilots licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Hames, Seeley D	6858	17	Oct. 14
Hazen, John C	6859	9	Oct. 15
Hunt, Lyman	6875	43	Oct. 9
Isbester, John	6794	12	Aug. 2
Johnsen, Frank E	6604	9	Jan. 11
Jean, August	6619	4	Mar. 10
Judge, Thomas	6634	19	Apr. 5
Jones, Valentine	6653	39	Apr. 13
Jones, Robert	6690	30	May 3
Jones, John F	6697	13	May 6
Jensen, Kagus August	6714	9	May 15
Jameson, William	6846	7	Sept. 28
Jackson, James	6854	10	Oct. 11
Johnson, Fredrick	6857	10	Oct. 14
Kelley, Andrew	6636	15	Apr. 5
Klumph, Almond P	6637	20	Do.
Keith, Preston	6715	16	May 17
Kenyon, Samuel D	6780	16	July 23
Kenney, James T	6820	15	Aug. 31
Kill, George R	6874	9	Nov. 9
Lanagan, Joseph	6607	15	Jan. 20
Latten, Henry W	6614	10	Feb. 15
Little, Charles E	6652	14	Apr. 12
Lynn, William J	6684	15	Apr. 26
Lyon, Stephen	6735	21	May 21
Lawrence, Anthony	6759	8	July 2
Lamphier, Richard M	6779	11	July 20
Linn, Patrick	6815	25	Aug. 26
Molther, John R	6602	7	Jan. 7
Morgan, James	6606	7	Jan. 18
Manning, William H	6610	15	Feb. 2
Maytham, Edward C	6612	25	Feb. 11
McMurray, William E	6622	14	Mar. 18
McCarthy, John	6629	11	Mar. 31
McMinn, George	6630	2	Apr. 1
Milne, John	6638	11	Apr. 6
McDonald, Angus J	6656	22	Apr. 14
Mallory, Daniel H	6659	17	Apr. 16
Mara, James	6664	11	Apr. 19
McEachern, Archibald	6665	21	Do.
McCabe, Frank J	6669	22	Apr. 20
McQueen, Orland C	6670	17	Do.
Maddigan, James A	6677	7	Apr. 21
Mahoney, Daniel	6679	11	Apr. 23
McDowell, Robert	6689	16	Apr. 30
McKinnon, Peter A	6703	32	May 10
Minor, Burton	6704	14	May 11
Moore, Truman	6705	8	Do.
Montague, Charles Z	6711	11	May 14
Merritt, Charles	6716	16	May 17
Mallette, Paul	6730	9	May 27
Maloy, John H	6731	17	Do.
McLean, William	6734	18	May 29
McGuire, Norman	6736	6	May 31
Mace, M. J	6745	1	June 8
McFarlane, Parlan	6751	26	June 23
Middleton, George W	6752	10	June 24
McMurray, Robert J	6756	21	June 28
McCormick, Mortimer	6771	7	July 16
Moon, George	6772	24	Do.
Mains, Robert	6776	10	July 19
McGuire, Francis	6782	12	July 23
McCormick, Neil	6785	17	July 26
Miller, Hugh O	6789	16	July 28
McMillin, Charles	6791	17	July 30
McGuire, Daniel	6814	12	Aug. 26
McGrain, Robert	6816	12	Aug. 28
Maltby, William G	6818	8	Do.
Murray, Robert	6823	15	Sept. 3
McAvoy, John	6832	17	Sept. 17
Mills, Harvey L	6851	15	Oct. 6
McDougall, Angus	6856	20	Oct. 13
McDonald, Donald S	6865	15	Oct. 21
McDermott, Richard	6870	14	Nov. 3
McDougall, John	6873	26	Nov. 8
McArthur, Alexander	6876	12	Nov. 15
McLeod, Alexander	6880	6	Nov. 29
Nelson, Charles	6671	12	Apr. 20
Noble, Charles H	6763	4	July 7
Newman, Thomas	6797	9	Aug. 6
O'Neil, Patrick	6668	33	Apr. 19
Osburn, Frank D	6681	13	Apr. 24
Olson, Peter A	6683	13	Apr. 26
O'Brien, John	6758	11	July 2
O'Neil, Patrick	6821	16	Sept. 1
Peterson, Henry	6660	13	Apr. 17
Peters, Alexander	6667	17	Apr. 19
Parish, James	6688	24	Apr. 29
Powell, Lewis H	6695	17	May 6
Pierce, William E	6708	17	May 12
Pettit, Richard	6727	17	May 24
Perew, John	6742	17	June 7
Pickert, Dewitt C	6819	14	Aug. 30
Pratt, James	6849	31	Oct. 4
Parsons, Robert F	6868	25	Oct. 26
Pope, Frederick L. R	6882	37	Dec. 7
Renders, Albert	6678	16	Apr. 22
Reed, Alva H	6691	16	May 3
Rowan, Murdock	6760	12	July 5
Rahil, Timothy	6770	34	July 16
Ryan, Patrick F	6786	38	July 26
Roach, William	6817	22	Aug. 28
Root, Henry	6834	28	Sept. 18
Rattray, Elton F	6845	12	Sept. 27
Shockett, Joseph	6616	32	Mar. 1
Stevenson, George	6621	11	Mar. 16
Smith, William	6624	15	Mar. 22
Starkey, George W	6639	1	Apr. 6
Shea, Patrick	6646	29	Apr. 8
Smith, John H	6654	16	Apr. 13
Sherwood, David N	6672	17	Apr. 21
Secord, Carl D	6674	12	Do.
Smith, William W	6713	24	Apr. 15
Souter, John B	6724	17	May 22
Swift, George H	6737	8	June 1
Shaver, Alva	6739	21	June 2
Shiels, James	6740	30	June 5
Shean, Michael J	6761	8	July 6
Shaller, Louis W	6765	10	July 9
Stacy, Samuel F	6766	6	July 12
Staley, Samuel S	6773	12	July 17
Stewart, Walter G	6793	9	July 31
Slattery, Thomas	6795	2	Aug. 3
Shepherd, Albert M	6798	26	Aug. 6
Smith, E. M	6822	35	Sept. 3
Scott, Winfield H	6825	10	Sept. 10
Sheehan, Michael	6833	9	Sept. 17
Stewart, John A	6836	12	Sept. 21
Smades, Edwin	6862	14	Oct. 18
Saunders, James M	6879	8	Nov. 23
Toben, James	6603	15	Jan. 8
Thompson, Peter	6625	8	Mar. 24
Todd, James	6627	17	Mar. 27
Todd, Robert	6662	12	Apr. 17
Tousley, Charles C	6693	14	May 5
Thorpe, Patrick	6768	23	July 14
Trimm, Peter	6809	1	Aug. 19
Vandenburg, Henry T	6686	4	Apr. 27
Van Patten, Edgar C	6754	20	June 25
Whitaker, Salmon B	6617	16	Mar. 3
Williams, William	6626	11	Mar. 25
Weinheimer, Frank	6655	17	Apr. 14
William, Frank	6673	37	Apr. 21
Walter, Alexander R	6719	15	May 19
Woods, Boyd	6721	10	Do.
White, Thomas	6725	16	May 24
Wilkins, William W	6755	16	May 26
Warwick, Henry	6767	16	July 13
Whitman, Fredrick H	6777	15	July 19
Waite, Delos	6796	27	Aug. 3
Welcome, Frank D	6800	31	Aug. 9
Wulke, John	6831	9	Sept. 16
Wysoon, John H	6835	26	Sept. 20
Wildey, Edward	6841	16	Sept. 22
Welsh, David	6848	19	Oct. 4
Young, Robert	6661	13	Apr. 17
Young, Cornelius	6699	13	May 8
Young, Joseph B	6748	14	June 17

Pilots licensed during the year ended December 31, 1897—Buffalo, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Anderson, Henry	4409	5	Feb. 11
Andrews, Hans S	4421	7	Feb. 11
Anderson, Fred F	4449	4	Apr. 3
Anderson, Neil	4510	9	May 25
Allen, W. W	4585	5	Aug. 20
Auffret, Francis	4589	23	Aug. 24
Buckley, Jeremiah	4435	6	Mar. 24
Brooks, Walter M	4438	3	Mar. 26
Brison, Arthur	4441	9	Mar. 29
Burns, Charles E	4458	10	Apr. 7
Boles, Hiram R	4466	4	Apr. 14
Brion, Thomas	4467	11	Do.
Batt, Edward	4468	17	Apr. 15
Burns, Edward	4479	6	Apr. 22
Bondy, Peter	4485	18	Apr. 24
Bohn, George	4488	9	Apr. 28
Brown, Henry	4489	14	Apr. 29
Bennet, James H	4506	6	May 19
Bedell, John V	4533	12	June 25
Burns, James	4531	5	June 23
Boggan, Moses	4555	14	July 17
Burke, Stephen W	4557	12	July 19
Buchannan, James	4568	8	July 29
Burnham, George H	4587	5	Aug. 23
Brooks, Charles D	4592	8	Aug. 31
Booth, Avery	4595	22	Sept. 1
Bucroft, Alfred	5410	9	Sept. 17
Bordeaux, Allen E	5411	5	Sept. 21
Bgornsen, Charles M	5414	8	Sept. 23
Burchard, John	5426	14	Oct. 7
Bamford, Wells W	5431	8	Oct. 18
Bond, William	5438	1	Oct. 25
Cole, Thad	4401	7	Jan. 4
Colter, John	4415	2	Feb. 5
Cole, Louis P	4446	20	Apr. 1
Clarke, John C	4451	7	Apr. 3
Cummings, Lewis B	4454	3	Apr. 6
Coughlin, Michael	4464	4	Apr. 13
Casey, Henry	4470	11	Apr. 16
Cowen, William	4475	13	Apr. 21
Clark, C. T	4486	6	Apr. 27
Coleman, Lawrence	4492	10	Apr. 30
Cronin, John H	4503	15	May 17
Crawford, George B	4504	6	Do.
Caulfield, Jerome	4521	12	June 9
Culleton, James	4525	4	June 14
Campbell, Donald	4540	5	July 2
Cole, Fredrick R	4553	18	July 16
Cullen, Thomas J	4567	9	July 28
Cole, Joseph F	4576	14	Aug. 12
Collinge, James	4578	5	Aug. 14
Crockett, Fred A	4590	9	Aug. 28
Cowles, Noah W	5401	17	Sept. 6
Carr, Edward	5406	9	Sept. 13
Cody, Charles A	5430	8	Oct. 16
Dickenson, Bernard M.	4402	17	Jan. 9
Davis, William	4453	6	Apr. 3
Dewan, Philip	4460	5	Apr. 9
Delaney, William F	4469	10	Apr. 15
Dennis, Herbert L	4481	6	Apr. 22
Devlin, Patrick	4482	17	Apr. 23
Davis, John	4502	10	May 15
Drury, George F	4514	9	June 1
Dancey, Thomas	4542	11	July 6
Dennis, George R	4566	14	July 27
Drake, Frank M	4588	11	Aug. 23
Durney, John	5420	8	Sept. 28
Edgar, William A	4422	6	Feb. 11
Errengy, William	4538	10	July 1
Enwright, Thomas	4549	17	July 14
Erickson, Gustaf	5423	9	Oct. 1
Fisk, Watson A	4496	7	May 7
Fisk, Fred D	4526	8	June 15
Fitzgerald, James	4550	30	July 15
Finn, William	4582	6	Aug. 18
Gamble, John B	4417	10	Feb. 8
Gallagher, George	4425	10	Mar. 12
Gates, John E	4430	9	Mar. 22
First-class pilots—Continued.			
Gallagher, William	4472	30	Apr. 16
Gabrian, Joseph L	4518	3	June 8
Golden, Thomas M	4539	4	July 1
Galvin, James	4559	14	July 20
Gullikson, Gerhard	5433	6	Oct. 20
Hoyt, Giles R	4445	3	Apr. 1
Harrison, Charles P	4455	8	Apr. 6
Hellstrand, Herman	4461	5	Apr. 9
Hogan, Stephen P	4491	3	Apr. 30
Hogan, John A	4497	10	May 8
Hindle, John W	4512	10	May 29
Holland, Frank	4516	17	June 2
Holleron, Michael J	4519	16	June 8
Halmberg, Henry	4524	8	June 14
Hoyt, James B	4541	1	July 2
Hawley, John H	4546	7	July 10
Howard, John W	5427	11	Oct. 9
Hyland, Thomas	5443	11	Nov. 27
Johnston, Robert H	4403	6	Jan. 11
Johnson, Charles	4407	1	Feb. 1
Jansen, Jacob C	4432	6	Mar. 23
Johnston, George M	4537	11	July 1
Jesse, John	4593	10	Aug. 31
Junk, James	5408	5	Sept. 14
Johnson, Frank R	5415	12	Sept. 23
Johnson, William	5422	4	Sept. 30
Johnson, Alfred	5444	6	Dec. 15
Kindy, Mahlon	4427	5	Mar. 15
Klingler, Charles F. W.	4444	6	Mar. 31
Kerr, Henry	4457	9	Apr. 7
Kinch, Abraham	4513	11	Apr. 31
Klein, Joseph N	4547	8	July 12
Knobles, David	4565	2	July 26
Kiggin, John	4579	12	Aug. 14
Kennedy, John	4591	5	Aug. 30
Kellas, Edwin W	5407	8	Sept. 13
Lehan, John	4406	7	Feb. 1
Lucas, W. J	4419	11	Mar. 10
Lang, Charles H	4434	10	Mar. 24
Lutz, Mathew	4517	5	June 4
Lapoint, Charles	4575	9	Aug. 12
Laforce, Louis	5409	10	Sept. 14
Loadwick, E. E	5441	3	Dec. 15
Letts, John	5442	7	Dec. 18
McDonald, Isaac	4405	5	Jan. 23
Moran, Charles F	4411	6	Feb. 27
McPherson, William	4412	4	Mar. 2
Misken, Levi A	4413	9	Mar. 3
McMurty, William	4416	6	Mar. 6
McKenzie, Duncan	4418	5	Mar. 9
McKeown, John W	4423	5	Mar. 11
McDonald, Fred. C	4428	6	Mar. 15
Morin, Thomas F	4431	11	Mar. 22
Maloy, Edward H	4433	3	Mar. 24
Macauley, John	4440	4	Mar. 29
Maytham, Charles E	4447	11	Apr. 2
Mulke, Frederick	4448	6	Do.
Mulholland, Charles	4452	5	Apr. 3
Moore, William	4459	10	Apr. 8
Monroe, Albert J	4473	4	Apr. 17
McNett, Eli	4478	28	Apr. 21
McLeod, Malcolm	4480	9	Apr. 22
McEachern, Charles A.	4494	3	May 3
Meagher, Patrick	4499	11	May 10
Martin, James	4501	6	May 11
Morrison, John N	4505	5	May 18
McGee, George B	4507	7	May 19
Morris, George	4509	15	May 24
McAvoy, John	4511	14	May 26
Mallory, Richard A	4522	8	June 11
McLeod, Dongald	4523	5	June 12
McMillan, John	4528	16	June 17
McLaughlin, Edwd. J.	4529	13	June 22
Meyers, William	4530	5	Do.
Minogue, William	4532	19	June 24
Murphy, William	4534	10	June 26
McKay, Angus	4535	5	June 28
Morris, Joseph	4536	10	June 30

Pilots licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
McFadden, Hugh	4548	8	July 12
McKinnon, John	4551	9	July 15
McDonald, William	4554	10	July 17
Mahoney, Thomas	4558	10	July 19
McCare, Ancel	4562	11	July 24
McFarlane, George	4563	21	Do.
Mears, William	4569	21	July 30
Metty, Joseph M	4570	18	July 31
Mangan, Thomas	4571	17	Do.
McQuilkin, Fred. W	4574	13	Aug. 11
McCullah, William T	4577	8	Aug. 13
McMaugh, Arch. A	5581	7	Aug. 16
Morrisse, John	4586	5	Aug. 23
Moon, William	5403	5	Sept. 9
McKinnon, Peter	5412	5	Sept. 21
McRae, Duncan	5418	16	Sept. 27
McPherson, James D	5419	4	Do.
McLean, Allen	5432	10	Oct. 19
Norcross, J. W	4426	4	Mar. 15
Nelson, Nicholas	4439	4	Mar. 26
Nash, Charles	4493	12	May 1
Norman, John	5429	8	Oct. 16
Notley, Rener	5435	16	Oct. 22
Oliver, Adelbert	4436	3	Mar. 25
Olsen, Charles E	5402	7	Sept. 6
Prince, Sylvester	4462	13	Apr. 10
Potter, Charles A	4515	7	June 2
Parsons, Robert C	4545	9	July 9
Peterson, Martin	4580	6	Aug. 16
Pollard, Thomas	4597	16	Sept. 3
Pennock, Alfred O	4599	5	Sept. 4
Parish, Sidney	5436	20	Oct. 25
Riece, George O	4404	4	Jan. 20
Reagan, John L	4429	10	Mar. 20
Reppenhagen, Thos. J.	4437	4	Mar. 25
Ryan, John	4471	6	Apr. 16
Ryan, William T	4490	10	Apr. 29
Ried, Andrew D	4495	8	May 3
Roberts, Edward	4498	7	May 8
Rogers, Daniel E	4508	10	May 22
Ryan, George D	4500	11	May 11
Ransom, Levant	4544	13	July 7
Robinson, Robert	5416	13	Sept. 24
Reed, William A	5424	7	Oct. 4
Rice, William G	5425	10	Do.
Robertson, William J	5428	19	Oct. 12
Robson, George	5437	14	Oct. 25
Stevenson, W. H	4408	2	Feb. 3
Seabrook, John	4410	8	Feb. 26
Saltsman, William	4442	13	Mar. 29
Smith, Joseph	4443	5	Do.
Salveson, Benjamin	4450	5	Apr. 3
Schneider, George	4463	6	Apr. 10
Stewart, Mortimer J	4476	9	Apr. 21
Seeley, Clinton	4477	5	Do.
Sullivan, Jerry	4484	5	Do.
Schraft, Fred	4520	14	June 9
Swarts, Daniel W	4527	10	June 17
Shaw, John	4556	1	July 19
Smith, Samuel	4584	7	Aug. 19
Stewart, Millard M	4594	4	Aug. 31
Saveland, Herman M	4600	12	Sept. 4
Simmons, Thomas G	5404	9	Sept. 11
Sullivan, John	5405	4	Do.
Sullivan, Daniel A	5439	3	Nov. 6
Traunch, Francis C	4414	6	Mar. 4
Thomson, Thomas P	4474	8	Apr. 20
Thorpe, James	4483	12	Apr. 24
Thompson, David	4572	14	Aug. 6
Tivnan, Patrick	4583	20	Aug. 19
Tuthill, Frank M	5440	16	Nov. 10
Vanderson, David W	4420	4	Mar. 10
Vroman, Herbert	4598	12	Sept. 3
Weinheimer, Edward J	4424	7	Mar. 11
Williamson, Adam	4456	5	Apr. 6
Williams, Francis	4465	7	Apr. 13
Wordon, Asa S	4487	20	Apr. 28
Ward, James	4543	15	July 6
First-class pilots—Continued.			
Wise, William	4552	10	July 16
Welde, Jason G	4560	6	July 21
Wright, Samuel	4561	5	July 22
Webber, Aloys F	4564	8	July 26
Whittey, John	4573	6	Aug. 9
Wimett, William M	4596	10	Sept. 1
Weaver, James T	5413	8	Sept. 23
Whiteside, John A	5417	5	Sept. 25
Wride, George S	5421	9	Sept. 30
Whalen, John F	5434	25	Oct. 21
Second-class pilots.			
Anderson, Olof P	4352	5	Mar. 20
Anderson, Antone	4470	2	July 10
Aichile, John	4472	13	July 13
Buie, Lauchlin	4343	3	Mar. 16
Barclay, John	4354	7	Mar. 20
Brown, John	4369	3	Apr. 1
Brady, Edward J	4376	6	Apr. 6
Beck, John	4392	6	Apr. 19
Bompart, Louis	4399	15	Apr. 24
Brown, Frank B	4419	3	May 19
Baker, Albert E	4432	9	May 28
Booth, Asa R	4433	23	May 31
Boyle, Thomas	4446	11	June 14
Barry, Fred	4447	2	June 15
Barton, John A	4468	9	July 9
Benton, Peter C	4538	15	Sept. 1
Boyce, Michael	4539	10	Sept. 2
Bankier, John	4559	1	Sept. 27
Bud, Wells M	4583	14	Oct. 25
Cochrane, William	4314	4	Feb. 6
Chadwick, William E	4317	8	Mar. 12
Corwin, Frank	4345	2	Mar. 17
Cavanaugh, Daniel	4349	7	Mar. 19
Cassidy, John	4403	12	Apr. 28
Cook, Henry	4428	7	May 25
Cowles, Theodore E	4438	18	June 8
Clark, John	4482	1	July 21
Curtis, Henry	4505	22	Aug. 7
Caulfield, Edward	4519	4	Aug. 17
Campbell, Simeon P	4531	2	Aug. 27
Cross, Harry	4590	4	Nov. 10
Dallas, Joseph	4313	2	Feb. 4
Dodge, John	4335	10	Mar. 3
Daley, Fred J	4346	9	Mar. 17
Driggs, Frederick M	4420	11	May 19
Dowd, John	4427	12	May 25
Driscoll, Jeremiah	4464	14	July 3
Duffy, Henry	4520	8	Aug. 18
Daggett, Ernest V	4574	10	Oct. 16
Day, William L	4579	22	Oct. 22
Dailey, John	4595	7	Nov. 4
Dailey, Richard P	4584	8	Oct. 29
Evans, George W	4529	11	Aug. 26
Eighmy, Clayton	4536	6	Aug. 30
Eschbacher, John E	4580	8	Oct. 23
Freitus, Joseph	4487	12	July 26
Farrell, John	4507	7	Aug. 9
Freitus, George T	4524	5	Aug. 21
Finegan, Owen P	4591	4	Nov. 16
Germain, William	4323	1	Feb. 18
Green, Joseph M	4334	7	Mar. 3
Gunderson, Isaac M	4359	8	Mar. 23
Gray, Gilbert E	4364	4	Mar. 27
Graham, Kenneth	4391	3	Apr. 17
Granzow, Martin J	4402	7	Apr. 27
Gonyaw, Louis N	4434	7	June 2
Gifford, Asa A	4440	4	June 9
Green, Thomas	4467	11	July 7
Gilbert, Charles H	4488	2	July 26
Gray, James O	4581	3	Oct. 23
Hurley, T. A	4308	1	Jan. 26
Hesby, Ole E	4315	1	Feb. 8
Henderson, Ander P	4328	4	Feb. 26
Hoehn, Frank	4333	2	Mar. 3
Hartman, Louis	4338	8	Mar. 10

Pilots licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of isssue.
Second-class pilots—Continued.			
Hanssen, Christian	4340	2	Mar. 12
Hyde, William J	4386	4	Apr. 15
Halloway, William B	4387	8	Do.
Howard, George T	4388	2	Apr. 16
Hunter, William	4396	3	Apr. 21
Hartman, Frank	4400	12	Apr. 24
Harris, John D	4429	12	May 25
Hill, James G	4431	18	May 28
Hartman, Adam	4437	22	June 8
Higgins, Henry	4460	14	June 29
Heaney, Michael E	4510	8	Aug. 9
Hazen, James	4552	11	Sept. 22
Huntzinger, Peter P	4578	7	Oct. 19
Ingram, E. L	4564	6	Oct. 1
Johnson, George W	4415	10	May 22
Jolly, Walter	4456	2	Sept. 23
Jeffreys, Arthur	4593	1	Nov. 26
James, Clark U	4594	9	Nov. 27
Koch, Robert	4325	1	Feb. 20
Koch, Englehard	4379	4	Apr. 8
Knowlton, W. H	4416	2	May 13
Kraus, Alex J	4436	3	June 7
Klock, George N	4477	5	July 19
Kinley, Fred	4483	12	July 22
Kuhn, Henry	4516	9	Aug. 12
Louis, Charles E	4305	6	Jan. 22
Lanzan, Francis	4394	7	Apr. 20
Lautenslarger, Louis	4451	13	June 16
Letchworth, Ogden P	4489	4	July 27
Louch, Charles M	4501	8	Aug. 4
Loyer, Frank	4569	9	Oct. 5
McCarkell, W. H	4311	2	Jan. 30
Murphy, Terrance	4326	23	Feb. 23
Moser, August	4327	1	Feb. 25
Murphy, William J	4329	6	Feb. 26
McGillivary, Daniel	4353	1	Mar. 20
McDonald, Edgar D	4355	1	Mar. 22
McCormick, Neil	4377	5	Apr. 7
Morrison, Daniel	4381	2	Apr. 10
McLeod, Donald	4384	3	Apr. 13
McKenzie, Kenneth	4389	3	Apr. 17
Mains, Robert	4405	6	Apr. 29
McDonald, John F	4442	9	June 11
Martin, Edward W	4449	8	June 15
Murphy, Charles	4453	2	June 19
Mallan, Thomas C	4456	22	June 25
McFadyn, Angus	4465	3	July 6
Maher, Michael P	4469	10	July 9
McCarthy, Patrick	4478	4	July 19
McCarter, William J	4485	11	July 24
McMahon, Patrick	4486	21	July 26
Miller, William	4497	16	July 31
McCann, Hugh	4513	3	Aug. 10
Martin, George	4525	8	Aug. 21
McKinnon, Neil C	4527	5	Aug. 24
McDonald, Alexander	4528	8	Aug. 26
McQueen, William S	4535	2	Aug. 28
McCormick, Patrick	4554	10	Sept. 22
McGrath, Thomas	4561	4	Sept. 28
Maytham, Edward H	4563	7	Oct. 1
McMinn, Wellington	4575	11	Oct. 16
McMinn, Albert	4582	10	Oct. 23
McLaughlin, Joseph P	4585	7	Oct. 30
Maher, John	4586	8	Nov. 3
Nephew, Andrew	4307	2	Jan. 25
Norton, Albert	4565	3	Oct. 2
Owens, Thomas A	4373	1	Apr. 5
O'Conner, John	4374	2	Apr. 6
O'Conner, John	4466	5	July 6
Onen, Joseph	4543	12	Sept. 9
O'Hara, Thomas	4566	9	Oct. 4
Pierson, Mard H	4309	2	Jan. 28
Pederson, Thomas	4350	1	Mar. 19
Porcher, Albert K	4383	3	Apr. 12
Pocock, Robert J	4408	2	May 4
Pettit, Joshua	4417	2	May 15
Palmer, Frank	4471	8	July 12
Pettit, Charles	4479	5	July 20
Second-class pilots—Continued.			
Pfister, Jacob	4517	13	Aug. 14
Pritchard, Charles	4557	1	Sept. 24
Queen, William	4510	8	Aug. 9
Quinlin, Patrick	4597	8	Dec. 9
Reynard, Ellsworth B	4302	10	Jan. 12
Rahill, Edward M	4331	3	Mar. 1
Rahill, Joseph T	4356	6	Mar. 22
Redden, Horace A	4357	6	Do.
Reardon, Daniel	4490	12	July 27
Reneker, Frank	4587	10	Nov. 4
Stewart, Robert C	4304	1	Jan. 21
Secombe, Harry	4310	4	Jan. 29
Smith, Charles E	4316	6	Feb. 8
Smith, John	4337	2	Mar. 5
Shriver, Eli	4463	19	July 3
Sweet, Elizur	4480	12	July 20
Sloan, Samuel M	4495	9	July 30
Sutton, Edward M	4496	11	July 31
Stanton, John	4504	7	Aug. 7
Sager, Jehiel	4512	2	Aug. 10
Staley, Jefferson B	4515	7	Aug. 12
Sweet, Isaac	4560	17	Sept. 27
Scrobles, Martin	4592	2	Nov. 23
Thompson, Elijah L	4411	27	May 8
Tanner, Seymour J	4457	9	June 25
Thompson, Charles M	4476	8	July 17
Tompkins, Henry S	4526	2	Aug. 23
Tallman, William H	4589	16	Nov. 9
Van Dusen, S. L	4361	2	Mar. 24
Vetter, Charles F	4555	10	Sept. 23
Wick, George E	4339	5	Mar. 11
Wilson, Leonard	4341	1	Mar. 13
Woodhull, Robert	4371	17	Apr. 2
Ward, James	4375	7	Apr. 6
Woodhull, William W	4414	8	May 12
Wilcox, William J	4484	8	July 23
Welson, Jesse	4532	7	Aug. 27
Wakefield, Robert C	4544	7	Aug. 10
Wright, William H	4547	3	Sept. 11
Woodford, Willie H	4548	10	Sept. 13
Wilson, William J	4573	11	Oct. 15
Special pilots.			
Adler, Charles W	4360	12	Mar. 24
Baker, James W	4319	12	Feb. 12
Babb, Willard T	4320	2	Feb. 15
Barr, George	4321	9	Do.
Burch, Cassius	4324	2	Feb. 19
Bucher, Edward W	4342	6	Mar. 16
Burfiend, Henry	4366	9	Mar. 29
Burg, Henry	4461	15	Apr. 27
Blake, Joseph B	4408	31	May 3
Buxton, James	4409	11	May 7
Booth, Joshua	4426	14	May 24
Burns, Michael	4502	10	Aug. 5
Byrne, Merritt H	4521	15	Aug. 19
Boyd, Harry	4558	4	Sept. 27
Boyd, Thomas J	4458	25	June 25
Connell, Michael P	4382	9	Apr. 12
Colgrove, William	4406	1	Apr. 30
Covert, James	4413	8	May 12
Connelly, John	4441	11	June 10
Cole, Jay	4498	6	Aug. 2
Cook, Henry	4500	10	Do.
Cheney, Orlando W	4518	16	Aug. 16
Cheney, Gilman G	4571	17	Oct. 9
Chappel, Charles F	4572	12	Oct. 14
Clamfoot, August	4576	17	Oct. 18
Dickey, Adam	4362	2	Feb. 24
Duff, Thomas	4423	17	Apr. 21
Derner, Albert E	4424	6	May 22
Day, Joseph, sr	4459	19	June 25
Dash, John A	4475	16	July 17
Day, Charles J	4494	6	July 30
Davis, Leonard D	4540	12	Sept. 7
Fox, William G	4367	1	Mar. 30
Freitus, John J	4522	4	Aug. 20

Pilots licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.			
Groat, Alfred T	4378	5	Apr. 8
Geenan, Edward	4448	3	June 15
Gleason, Ebenezer L	4560	10	Sept. 29
Gilbert, Fred	4570	1	Oct. 9
Goodill, Thomas	4596	14	Dec. 8
Helwig, William J	4312	5	Feb. 2
Hudson, Charles	4322	3	Feb. 17
Handy, Frank	4332	6	Mar. 2
Higgins, Thomas	4368	7	Apr. 1
Higgins, Timothy	4393	6	Apr. 20
Hanny, George	4461	4	June 30
Hazen, David	4491	23	July 28
Hay, Peter S	4503	1	Aug. 6
Huntley, Andrew J	4511	9	Aug. 10
Jones, Clyde W	4318	4	Feb. 2
Judd, Walter	4492	12	Aug. 29
Jones, David	4523	15	Aug. 26
Jones, George W	4550	25	Sept. 18
Killilee, John	4394	6	Apr. 21
Krapp, William D	4435	16	June 2
Klepser, John	4473	27	July 14
Kelley, Michael	4474	13	July 17
Krause, Ferdinand	4493	7	July 30
Lattimer, George E	4365	5	Mar. 29
Larkin, Henry A	4372	6	Apr. 5
Levi, John	4412	7	May 10
Lawson, Joseph	4443	9	June 12
Lagrue, Angus	4455	4	June 24
McCarthy, Charles F	4330	6	Feb. 27
Mullen, Thomas	4347	6	Mar. 17
Mago, Philip	4358	9	Mar. 22
Myers, Herman	4363	6	Mar. 27
Masters, Fred	4404	14	Apr. 29
Miney, Dell E	4421	9	May 20
Murray, Dexter J	4422	17	May 21
McDuff, James	4439	8	June 8
Many, Joseph	4481	2	July 21
Moffett, Millard	4499	5	Aug. 2
Moyer, Charles S	5508	5	Aug. 9
Moon, George, jr	4542	9	Sept. 9
Special pilots—Cont'd.			
McDonald, Charles	4549	15	Sept. 15
Maher, Thomas F	4565	14	Oct. 2
Newman, Eugene	4385	9	Apr. 13
O'Connor, James	4351	7	Mar. 20
Oldman, William, jr	4452	9	June 17
Oakley, D. F	4506	3	Aug. 7
Parish, Sidney A	4348	5	Mar. 17
Pettingill, James	4390	4	Apr. 17
Pinkel, William C	4454	11	June 21
Peasland, Fredrick	4533	6	Aug. 27
Peckham, Frank E	4541	16	Sept. 9
Parker, Horace M	4588	14	Nov. 8
Regan, Daniel J	4410	6	May 8
Raymond, Charles J	4425	13	May 24
Roche, John	4445	6	June 14
Reilly, John	4450	4	June 16
Swan, Thomas E	4301	11	Jan. 5
Swan, Mortimer R	4303	26	Jan. 18
Shriver, Semour	4306	14	Jan. 23
Swan, George M	4344	3	Mar. 16
Scanlon, Henry	4398	6	Apr. 22
Stanton, William	4444	15	June 12
Staley, Simeon	4546	18	Sept. 11
Smith, Louis	4551	6	Sept. 18
Shugart, Henry	4566	6	Oct. 2
Schneider, Henry	4577	3	Oct. 19
Trautwein, Charles	4370	1	Apr. 2
Theisen, Joseph	4537	6	Aug. 30
Tonsell, Erick	4545	3	Sept. 10
Ulrich, Andrew	4530	1	Aug. 27
Vroman, Harley H	4379	8	Apr. 9
Welsh, Richard	4336	5	Mar. 4
Williams, Samuel	4397	6	Apr. 22
Walker, Edwin C	4418	12	May 17
Walbridge, Edward N	4462	2	July 2
Wilcox, William J	4484	8	July 23
Walker, George A	4553	11	Sept. 22
Yates, William H	4534	2	Aug. 28
Ziegele, William J	4430	18	Apr. 28

Joint pilots and engineers licensed during the year ended December 31, 1897—Buffalo, N. Y.

Alberger, John L	1656	2	June 16
Ambs, Frank J	1664	3	July 17
Allen, Mathew V	1669	7	Aug. 10
Batt, Frank J	1654	2	June 7
Banister, George W	1659	5	June 29
Berrick, John F	1662	7	Aug. 10
Beyer, Louis P	1663	4	July 10
Berger, Herman U	1674	6	Aug. 7
Crocker, Leonard B	1653	6	June 5
Couger, George L	1672	3	Aug. 21
Daggett, John N	1677	3	Oct. 15
Geisdorfer, William M	1661	1	July 1
Hammond, William W	1660	6	June 30
Hoover, Dewitt C	1665	5	July 19
Haskell, Nelson D	1671	1	Aug. 20
King, Paul B	1665	1	July 19
Lamy, George H	1651	1	Jan. 29
Mundie, John	1670	2	Aug. 13
Miller, Louis	1675	4	Aug. 29
Ouchie, Eugene P	1673	4	Aug. 7
Plummer, Wm. E., jr	1668	3	July 22
Skinner, A. D	1667	1	July 20
Sturner, Orville L	1676	7	Oct. 6
Tillinghast, James C	1655	6	June 10
Wicks, Charles C	1652	6	May 26
Wattingill, Louis	1657	1	June 23
Wright, Alfred G	1658	4	June 24

Engineers licensed during the year ended December 31, 1897—Buffalo, N. Y.

Chief engineers.			
Ager, William N	6658	11	Mar. 18
Ackerman, Frank	6782	16	May 15
Anderson, James	6764	23	May 11
Allenbrand, Charles	6909	36	July 20
Adler, Charles W	6919	16	July 24
Arnold, Theodore	7023	18	Sept. 27
Brey, Hiram R	6621	7	Feb. 8
Byers, James T	6637	12	Mar. 5
Brown, Philip	6641	16	Mar. 8
Chief engineers—Continued.			
Brown, Alexander A	6647	6	Mar. 9
Black, William A	6656	13	Mar. 18
Beach, Charles F	6661	6	Mar. 20
Bradley, William E	6665	7	Mar. 23
Bacon, William R	6676	5	Mar. 29
Blake, Frank X	6677	6	Mar. 30
Bohnert, George M	6679	12	Mar. 31
Brown, D. J	6680	7	Do.
Boynton, Henry	6681	26	Do.

Engineers licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Buchner, Henry J	6689	9	Apr. 5
Brown, William	6690	7	Do.
Black, David A	6699	17	Apr. 8
Boyd, Thomas J	6701	4	Apr. 9
Bowen, A. C	6709	15	Apr. 14
Beerman, Byron W	6715	20	Apr. 17
Brook, William D	6717	20	Do.
Boyd, John	6745	18	Apr. 29
Birdsall, Arthur D	6760	7	May 10
Baker, Frank W	6774	20	May 13
Beck, Henry	6783	13	May 17
Baltz, William H	6787	10	May 19
Burns, Peter	6794	28	May 21
Baker, William H	6797	9	May 24
Besterd, Henry	6807	21	May 28
Bustead, John C	6809	17	May 29
Bluett, Thomas J	6837	14	June 14
Bedell, John V	6863	10	June 25
Bryan, Hugh J	6979	23	July 5
Barr, Albert	6883	15	July 7
Butler, Charles W	6887	19	Do.
Brennan, Patrick	6890	11	July 8
Brooks, James W	6911	18	July 22
Black, Edwin	6928	5	July 29
Bouffard, Joseph	6929	13	July 30
Baxter, Eugene E	6939	18	Aug. 4
Bullard, Henry	6942	19	Aug. 5
Baltes, Peter J	6957	17	Aug. 17
Blanchett, Joseph R	6961	27	Aug. 18
Boynton, William P	6965	15	Aug. 20
Barr, George	6968	17	Aug. 21
Blanvelt, Robert	6972	15	Aug. 24
Beaubien, Edward	6990	29	Sept. 8
Backman, Charles	7027	1	Sept. 30
Baldwin, James	7031	11	Oct. 5
Bagen, John	7042	14	Oct. 15
Bodamer, William	7045	18	Oct. 18
Blenebry, George H	7049	20	Oct. 22
Brown, William	7053	26	Nov. 1
Covert, James	6603	18	Jan. 6
Cross, George W	6612	25	Jan. 20
Curtis, Clarence E	6613	11	Jan. 21
Close, Robert J	6697	11	Apr. 7
Carter, Edward A	6698	8	Do.
Collins, John E	6703	8	Apr. 10
Conway, Francis	6725	17	Apr. 21
Clancey, William	6775	29	May 13
Clave, Arthur	6784	3	May 17
Campbell, Hugh	6821	4	June 5
Culver, Charles B	6823	11	June 7
Cramer, William	6829	9	June 9
Cole, Fredrick R	6834	17	June 11
Coleman, Peter	6838	29	June 14
Corcoran, James	6870	28	June 30
Campbell, George	6875	10	July 2
Caul, John	6895	16	July 7
Christian, Robert O	6921	14	July 26
Craft, James	6923	26	July 27
Carr, Peter S	6932	14	July 31
Crosby, James P	6933	15	Aug. 2
Coushaine, Charles	6936	22	Aug. 3
Cook, John A	6959	12	Aug. 17
Clergy, Stephen	6981	16	Aug. 31
Cunningham, Wm. H	6998	15	Sept. 13
Cook, Walter J	7004	4	Sept. 14
Crispin, Alfred	7009	6	Sept. 18
Courtenay, John	7013	22	Sept. 21
Chambers, Louis	7041	10	Oct. 13
Carter, Andrew	7048	13	Oct. 20
Clark, James	7054	9	Nov. 1
Douw, William G	6604	13	Jan. 6
Darling, Isrial	6616	14	Jan. 29
Desmond, John	6646	9	Mar. 9
Donnelly, John	6653	10	Mar. 15
Davis, Henry W	6668	10	Mar. 23
Day, John N	6672	25	Mar. 26
Derby, George G	6700	7	Apr. 8
Durkin, Thomas	6704	9	Apr. 12
Chief engineers—Continued.			
Donahue, Daniel	6722	7	Apr. 20
Dovey, Charles	6728	6	Apr. 23
Donoughue, Clark K	6776	21	May 14
Duffy, Edward	6761	12	May 10
Duggs, Fredrick M	6789	9	May 19
Delliott, Augustus	6799	14	May 24
Dun, John	6803	36	May 27
Doyle, Thomas J	6815	18	June 2
Driscoll, John	6818	13	June 5
Davis, Thomas	6832	19	June 10
Diebold, Joseph R	6836	6	June 14
Dent, William	6849	23	June 19
Donovan, John	6855	25	June 22
Davison, William R	6886	9	July 7
Doyle, John H	6893	13	July 9
Doyle, Patrick H	6924	30	July 27
Dusenberry, Sylvanus	6969	15	Aug. 23
Day, Joseph, sr	6980	16	Aug. 30
Dalton, William	7029	15	Oct. 2
Desatt, Frank	7043	17	Oct. 15
Dimmers, Charles L	7052	8	Oct. 30
Delsarmo, Frank M	7064	13	Nov. 15
Davidson, James	7069	10	Nov. 29
Erskine, William	6654	22	Mar. 16
Erickson, Charles J	6759	7	May 8
Eastridge, Robert C	6825	14	June 8
Ehle, Sidney	6845	11	June 18
Estes, James W	6878	23	July 5
Eagan, John	6917	9	July 24
Edgar, Albert	6918	8	Do.
Ennis, Elmer E	6950	13	Aug. 11
Erskine, James D	7015	16	Sept. 21
Fontaine, James P	6615	4	Jan. 28
Farrell, Harry C	6623	13	Feb. 18
Fulkerson, Burt O	6625	8	Feb. 23
Forrester, John H	6629	10	Feb. 27
Fox, Charles J	6635	13	Mar. 4
Feltham, William	6644	8	Mar. 9
Farrell, William M	6736	8	Apr. 27
Fuller, Charles A	6756	12	May 5
Finn, Edward	6810	1	June 1
Finley, John	6831	19	June 10
Findlay, James	6856	16	June 22
Fox, Aloysius R	6872	7	June 30
Fredrick, Frank	6962	9	Aug. 19
Francis, Edward	6966	12	Aug. 20
Fleming, Robert	6975	21	Aug. 26
Francombe, John A	7012	30	Sept. 20
Fisk, Sherman G	7036	8	Oct. 9
Gillin, Alexander C	6605	6	Jan. 7
Gleason, William	6639	4	Mar. 6
Gilbert, William C	6651	7	Mar. 15
Green, George W	6666	8	Mar. 23
Green, James	6678	19	Mar. 30
Griffith, Joseph	6691	9	Apr. 5
Gaffmer, John G	6720	33	Apr. 19
Gilbert, Fred	6706	16	Apr. 13
Griffin, Timothy	6731	18	Apr. 26
Garen, Michael J	6820	9	June 5
Gustafson, John A	6878	7	June 9
Gagnon, George W	6884	7	July 7
Good, William	6897	9	July 12
Gebhard, Lawrence G	6913	16	July 22
Green, Alfred A	6958	24	Aug. 17
Gilbert, Thomas A	6964	12	Aug. 19
Gregory, Joseph N	7007	22	Sept. 17
Goulding, John	7037	7	Oct. 11
Gagnon, Alexander	7050	18	Oct. 29
Gibson, Edward A	7062	6	Nov. 10
Huntley, George M	6610	9	Jan. 14
Hayes, Joseph F	6632	17	Mar. 3
Hyde, Hampden	6642	18	Mar. 8
Hanlon, William H	6652	20	Mar. 15
Hilton, James L	6655	8	Mar. 17
Hager, John G	6663	18	Mar. 22
Haig, Adam	6667	39	Mar. 23
Hall, William H	6685	15	Apr. 2
Hudson, Charles	6712	14	Apr. 17

Engineers licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Hale, Frederick W	6716	14	Apr. 17
Hale, George	6735	13	Apr. 26
Hull, Edgar	6737	9	Apr. 27
Hanavan, James J	6739	9	Do.
Hynes, Martin	6751	17	May 3
Hill, William H	6769	10	May 12
Hertle, William A	6770	8	Do.
Hopkins, George M	6772	23	May 13
Hand, Elmer E	6839	16	June 14
Huff, William	6868	12	June 29
Hill, Reynolds	6871	29	June 30
Hains, John D	6876	18	July 3
Howlett, Joseph	6877	33	Do.
Hanson, Neil	6881	19	July 6
Hawley, John H	6895	8	July 10
Hess, Henry	6926	38	July 27
Hebard, Charles E	6935	8	Aug. 2
Haig, George W	6937	15	Aug. 3
Hillman, George C	6943	15	Aug. 5
Hazen, William H	6944	15	Aug. 6
Huntley, John R	6955	16	Aug. 16
Hill, James G	7002	17	Sept. 14
Hazen, James	7016	18	Sept. 22
Higgins, Thomas	7040	15	Oct. 13
Hunt, George F	7059	32	Nov. 10
Higgins, James	7060	22	Do.
Huntley, George E	7072	5	Dec. 6
Jackman, Thomas W	6619	5	Feb. 1
Jordan, Henry C	6649	23	Mar. 11
Jameson, Joseph	6684	11	Apr. 2
Johnston, John	6738	16	Apr. 27
Johnson, John C	6800	16	May 25
Johnson, Frank R	6824	19	June 7
Jenkins, Ira W	6848	1	June 19
Johnson, Nelson	6861	16	June 24
Jones, Henry	6927	20	July 29
Justin, Thomas P	6971	41	Aug. 24
Jennings, Truman	6976	14	Aug. 26
Jesson, Henry	7005	17	Sept. 16
Jamison, William	7025	29	Sept. 29
Jessup, Frank	7055	4	Nov. 3
Johnson, Choate	7065	17	Nov. 18
Jones, Alexander J	7073	13	Dec. 11
Kellogg, George H	6608	7	Jan. 13
Katon, Patrick H	6762	9	May 10
Knibbs, Edward D	6790	15	May 20
Kohlbrenner, Joseph	6813	13	June 1
Killilee, John J	6822	16	June 7
Kieffer, Astona	6843	21	June 17
Kendall, James H	6902	29	July 14
Kibler, Frederick	6920	25	July 24
Killilee, Frank	6922	13	July 26
Karl, Adolph H	6947	9	Aug. 9
Kirby, John N	6991	8	Sept. 8
King, Henry M	7033	19	Oct. 5
Kelley, Michael	7047	6	Oct. 20
Kenny, William H	7057	17	Nov. 4
Koch, Herman	7058	15	Nov. 6
Kiel, Daniel	7061	10	Nov. 10
Latten, Henry W	6622	15	Feb. 10
Leitch, Thomas	6645	13	Mar. 9
Leaman, Thomas	6660	15	Mar. 20
Larkin, Harry A	6693	13	Apr. 5
Leonard, William	6696	16	Apr. 6
Lewis, William B	6705	30	Apr. 13
Lawson, Joseph	6779	19	May 15
Lamare, Peter	6781	12	Do.
Lynch, Thomas	6805	11	May 27
Lamberton, William	6862	20	June 24
Larson, Charles G. T	6894	13	July 9
Lowe, John W	6899	15	July 13
Lance, Joseph T	6903	15	July 15
Logan, William	6907	15	July 19
Lawrence, William H	6908	20	July 20
Laney, Michael J	6946	24	Aug. 7
Lawrence, John	6963	22	Aug. 19
LaFranier, Adolphus B.	6978	19	Aug. 28
Lennox, William S	7001	13	Sept. 13
Chief engineers—Continued.			
Louch, William E	7038	16	Oct. 13
Larson, Nicholas	7066	24	Nov. 18
Miller, Harry L	6606	34	Jan. 7
McNeal, Malcolm	6607	8	Jan. 11
McCabe, Thomas	6626	14	Feb. 26
Mago, William	6627	6	Feb. 27
Mackie, Andrew	6634	9	Mar. 3
McCarthy, Jeremiah	6640	21	Mar. 6
Mahoney, Richard	6643	16	Mar. 9
Metke, John	6648	7	Mar. 11
Merton, James H	6650	17	Do.
Millington, William	6662	8	Mar. 22
McGrath, James	6669	8	Mar. 24
McCullough, Frederick	6674	11	Mar. 26
Meyers, John H	6686	12	Apr. 3
Manion, Edward F	6687	10	Do.
McQuade, Peter	6702	14	Apr. 10
McKenna, Daniel	6721	18	Apr. 19
Millon, James H	6733	24	Apr. 26
Miller, Frank	6740	19	Apr. 27
McNerney, John M	6743	3	Apr. 29
Mead, William	6744	17	Do.
McMinn, Albert	6753	20	May 3
McDongall, Wm. C	6754	7	May 5
McDonnell, Thos. J	6768	18	May 12
McCausland, Samuel	6780	11	May 15
Morgan, John	6795	29	May 21
Mills, Samuel A	6798	5	May 24
McMurray, John	6814	20	June 2
Mullaney, Luke	6816	18	June 3
McKenna, Michael J	6833	10	June 11
Manning, William H	6844	13	June 17
Maloney, Daniel	6846	18	June 18
McCarthy, William R	6847	8	Do.
McCormick, George J	6859	11	June 19
Meney, Willis	6851	10	June 21
Morris, George W	6853	1	June 22
Moore, Samuel	6858	23	June 23
McLaughlin, John	6865	18	June 26
Maclear, Thomas	6867	8	June 29
Martin, Daniel	6891	14	July 8
Mahoney, Daniel	6915	32	July 23
Mitchell, Henry L	6930	9	July 31
Mellon, Harry	6941	13	Aug. 5
Mark, John W	6945	11	Aug. 7
Mahoney, Michael L	6953	12	Aug. 12
Murphy, George C	6954	2	Aug. 14
McAdams, Albion	6960	15	Aug. 15
Marson, Thomas B	6973	33	Aug. 24
Mullen, John F	6989	13	Sept. 7
Munson, Benjamin	7000	30	Sept. 13
McCaffrey, John	7011	19	Sept. 20
Maytham, Edward H	7028	8	Oct. 1
Moon, George, jr	7030	11	Oct. 4
McMasters, Alexander	7039	6	Oct. 13
Manion, Hubert	7046	22	Oct. 18
Murnan, John	7063	23	Nov. 13
Marshall, William C	7068	22	Nov. 29
McCarthy, Jeremiah	7071	13	Dec. 4
Nise, Conrad G	6657	14	Mar. 18
Nolan, William	6695	11	Apr. 6
Nash, Charles	6752	24	May 3
Neal, George C	6765	12	May 11
Neff, Sylvester	6997	11	Sept. 17
Neville, John C	7010	11	Sept. 18
Noone, Robert	7035	10	Oct. 9
O'Neil, Edward J	6671	12	Mar. 25
O'Mara, John A	6688	11	Apr. 3
O'Connor, Arthur	6727	15	Apr. 22
O'Harra, Frank J	6763	19	May 10
Onen, Dennis	6801	9	May 25
O'Connor, James	6817	5	June 3
Ottenbien, Jacob	6835	8	June 12
O'Connor, John	6916	18	July 23
O'Neil, John F	6979	17	Aug. 28
Oliver, Robert	6983	21	Sept. 1
O'Connor, David	7020	9	Sept. 25
Patterson, William	6624	9	Feb. 19

Engineers licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Page, Charles A	6631	12	Mar. 2
Penny, Newton W	6743	16	Apr. 29
Plodeck, Clemens R	6758	7	May 6
Parker, Frank	6778	14	May 14
Phelan, John	6785	12	May 18
Palmateer, John M	6786	13	May 19
Philip, Fredrick D	6791	8	May 20
Parment, Edward	6792	16	Do.
Pfaff, Joseph	6793	4	Do.
Pierce, Charles H	6819	9	June 5
Pooley, George W	6830	11	June 9
Patterson, Thomas A	6842	14	June 17
Phillipe, George W	6854	32	June 22
Pettingill, John	6905	12	July 16
Phillipe, William	6910	11	July 20
Potts, Fred	6931	18	July 31
Petre, Louis	6974	9	Aug. 25
Perew, Frank	6988	28	Sept. 4
Payment, Clovis C	6994	13	Sept. 10
Page, William L	7022	15	Sept. 25
Percy, Charles A	7070	15	Oct. 30
Quigley, Martin A	6630	8	Mar. 1
Richards, Ledrow	6633	6	Mar. 3
Ridgeway, Samuel F	6636	7	Mar. 4
Reilly, James W	6734	7	Apr. 26
Reilly, Thomas	6747	22	Apr. 30
Rendell, James Y	6749	13	Do.
Rogers, Jerry	6750	24	May 1
Ryan, Patrick	6773	6	May 13
Rogers, Frank M	6804	8	May 27
Rehbaum, Fredrick	6806	26	Do.
Reilly, Paul J	6827	24	June 8
Robinson, William A	6864	20	June 25
Robson, George A	6874	17	July 2
Rhodes, Albert	6904	11	July 16
Riley, Silas W	6912	19	July 22
Rothrock, Charles	6915	1	July 23
Raymond, Jacob	6948	19	Aug. 9
Reynolds, Henry J	6949	12	Aug. 11
Ramsey, Robert	6977	19	Aug. 27
Rainey, John W	6986	10	Sept. 2
Reardon, George H	6999	8	Sept. 13
Ricard, Albert	7008	14	Sept. 17
Rogers, Fred G	7017	17	Sept. 22
Robinson, Robert	7019	18	Sept. 24
Ryan, Thomas	7032	18	Oct. 5
Reilly, Thomas	7034	11	Oct. 7
Reilly, James	7056	25	Nov. 4
Swan, Thomas E	6601	16	Jan. 4
Shaver, Michael	6611	8	Jan. 15
Schneiderwind, John	6614	6	Jan. 23
Scott, Walter	6618	6	Jan. 29
Simpson, Albert	6620	8	Feb. 4
Spong, Albert H	6638	2	Mar. 6
Sweeney, James F	6673	11	Mar. 26
Shepard, Erastus	6682	8	Mar. 31
Swarts, John H	6694	4	Apr. 6
Strickland, D. E	6707	3	Apr. 14
Swain, William J	6713	17	Apr. 17
Spaulding, Frank	6719	11	Apr. 19
Skelly, John	6723	17	Apr. 20
Sheehan, John	6729	10	Apr. 23
Shipman, James	6730	4	Apr. 24
Stone, Harry	6755	33	May 5
Skelton, William, jr	6766	17	May 11
Shieble, John R	6767	11	Do.
Stewart, Leander A	6771	12	May 12
Schumacher, Joseph G	6777	24	May 14
Souter, John B	6796	19	May 22
Smith, Frank A	6802	17	May 26
Seckler, Frank	6808	15	May 28
Sutton, Joseph F	6812	10	June 1
Smith, Arthur	6826	18	June 8
Slater, William J	6840	17	June 15
Shackett, Peter	6841	12	June 17
Smith, Will P	6852	13	June 21
Smith, James	6860	10	June 24
Snoball, Thomas	6869	12	June 30
Chief engineers—Continued.			
Schneller, Frank	6873	22	July 2
Shafer, George H	6880	11	July 6
Stambach, Isaac	6882	24	Do.
Schoonmaker, Mark A	6888	6	July 7
Stacy, Frank T	6896	5	July 12
Snyder, George W	6898	13	July 13
Stepleton, William	6925	13	July 27
Smith, Charles E	6938	12	Aug. 3
Scudder, Theodore	6952	16	Aug. 12
Sullivan, Dennis	6956	23	Aug. 16
Sykes, Austin L	6970	25	Aug. 24
Staley, John J	6993	16	Sept. 9
Schneider, Oscar G	6915	13	Sept. 11
Schriver, Charles S	7003	13	Sept. 14
Skelton, William	7014	17	Sept. 21
Slater, Edward	7021	14	Sept. 25
Sornberger, Edward C	7026	19	Sept. 30
Stewart, Joseph	7067	13	Sept. 23
Tibby, William	6726	17	Apr. 22
Towey, John	6859	18	June 24
Thompson, Charles M	6906	21	July 17
Townsend, Marshall	6951	13	Aug. 12
Trouten, Moses	6992	16	Sept. 9
Trethway, George	6916	20	Sept. 11
Traver, William D	7024	4	Sept. 27
Tomlenson, William	7051	11	Oct. 30
Upper, Frank C	6683	10	June 24
Veeder, A. C	6617	9	Jan. 29
Valley, Jacob	6741	15	June 28
Van Amburgh, Louis	6746	3	June 30
Venator, Fredrick	6788	11	May 19
Vellicott, Robert	6866	10	June 28
Voght, George	6940	29	Aug. 5
Van Buren, Edgar	6982	12	Aug. 31
Vroman, Herbert	6987	21	Sept. 3
Whipps, William	6602	7	Jan. 5
Winett, Isaac	6609	1	Jan. 13
Woodhull, Orville S	6659	4	Mar. 18
Walker, Robert T	6664	21	Mar. 23
Wright, Benjamin W	6670	17	Mar. 25
Wise, George	6675	28	Mar. 27
White, Joseph E	6692	15	Apr. 5
Walker, James L	6708	24	Apr. 14
Welsh, Patrick	6710	17	Apr. 15
Wise, John	6711	30	Apr. 16
Wall, Charles W	6714	14	Apr. 17
Willson, Harry	6718	13	Apr. 19
Walker, Abraham	6724	15	Apr. 20
Wilson, William	6732	16	Apr. 26
Walsh, John F	6757	19	May 5
Walker, Robert E	6811	19	June 1
Whelan, William J	6889	13	July 7
Warwick, William J	6892	32	July 8
Waters, Michael	6900	17	July 13
Walroth, Byron	6901	24	Do.
Warner, Norton J	6934	38	Aug. 2
Wilcox, Andrew J	6967	28	Aug. 20
Waugh, John A	6984	5	Sept. 1
White, Frank	6985	3	Sept. 2
Whitwell, Rufus Edgar	7006	14	Sept. 16
Wagner, William	7018	13	Sept. 24
Wilson, William	7044	27	Oct. 16
Young, Will G	6628	6	Feb. 27
Young, William	6748	15	Apr. 30
Young, Thomas	6857	12	June 23
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Arrowsmith, George	6860	8	July 1
Burfiend, Henry	5805	10	Jan. 16
Blythe, Fred	5806	1	Jan. 1
Barr, Michael	5807	13	Do.
Brundridge, Harry A	5814	8	Jan. 27
Balmer, Richard	5819	3	Feb. 5
Bacon, George W	5827	11	Feb. 15

Engineers licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Booth, Alfred C	5885	11	Apr. 3
Burtiend, Adam J	6806	10	Apr. 24
Becker, William E	6811	10	Apr. 27
Baltz, Louis J	6841	3	May 26
Buckner, Frank W	6843	7	May 27
Bohn, George	6848	15	June 5
Bingham, Frank	6852	11	June 14
Bergh, George K	8503	3	Sept. 10
Booth, Arthur F	8527	5	Oct. 5
Bunce, Edward M	8533	5	Oct. 11
Barr, John	8539	9	Oct. 20
Bixby, Andrew	8548	8	Nov. 1
Carter, Thomas	5855	13	Mar. 11
Crossley, Edward	5895	5	Apr. 13
Chamber, William E	6804	7	Apr. 23
Cook, Edwin L	6827	2	May 10
Carr, Frank M	6855	8	June 21
Cotter, James	6893	34	Aug. 17
Chapin, Elmer E	8509	12	Sept. 14
Clair, Edward	8558	2	Nov. 11
Dow, James M	5864	11	Mar. 17
Decatur, Arthur	6812	11	Apr. 28
Dunlap, Charles W	6853	10	June 14
Day, Charles J	6877	6	July 30
Drexler, John C	6897	11	Aug. 21
Day, William L	8541	13	Oct. 22
Everett, Benjamin	6870	4	July 22
Ferguson, Fred	5841	6	Feb. 27
Freitus, John J	6896	5	Aug. 20
Freitus, George F	6898	9	Aug. 21
Farrell, John	8529	10	Oct. 6
Gray, James Orr	5859	5	Mar. 13
Gardner, Joseph	6862	12	July 8
Gleason, Ebenezer L	6874	15	July 29
Garrity, John	8522	12	Oct. 1
Gilligan, Thomas F	8530	4	Oct. 8
Guiette, Edward	8540	12	Oct. 22
Hartig, Charles H	5858	11	Mar. 13
Hallett, Arthur A	5860	3	Do.
Hogan, John	5875	3	Mar. 25
Harris, George L	5879	18	Mar. 27
Hill, Thomas	6825	9	May 8
Hart, William	6829	12	May 10
Healy, William	6832	1	May 11
Hill, Robert D	6838	4	May 25
Holland, John H	6847	13	June 1
Hazen, John S	6863	8	July 9
Hatch, Louis W	6865	7	July 10
Higgins, Timothy	8535	13	Oct. 13
Hazen, Charles C	8554	15	Oct. 3
Harrington, John S	8556	16	Nov. 11
Hartman, Louis	8564	9	Nov. 22
Hart, Henry F	8566	5	Nov. 30
Jones, William J	6821	13	May 14
Johnson, George W	6834	12	May 12
Judd, Walter	8514	11	Sept. 20
Jones, Frank L	8565	12	Nov. 26
Kendig, George C	5802	8	Jan. 4
Kinkaid, Edward	5854	4	Mar. 10
Krapp, William D	5899	13	Apr. 17
Kebel, Joseph	6807	7	Apr. 24
Kinley, Fred	6888	8	Aug. 16
Krapp, William F	8543	3	Oct. 23
Loed, Charles M	5804	12	Jan. 6
Louch, Charles M	5811	13	Jan. 18
Leary, John J	5831	7	Feb. 16
Lee, Charles	5871	5	Feb. 23
Lewis, Frank	5894	7	Feb. 13
Loegler, Charles H	6879	9	Aug. 4
Levi, John	8513	20	Sept. 20
McAvoy, Bartlett	6809	11	Apr. 27
Murray, Dexter J	6835	10	May 21
Misener, Willoughby	6856	11	June 23
Maher, Michael P	6864	13	July 9
McNally, James	6872	2	July 26
McDonald, William	6873	16	July 29
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Miller, John H	6885	19	Aug. 10
Morris, Joseph E	6899	4	Aug. 27
Mullen, Thomas	8502	12	Sept. 10
McArthur, James	8520	10	Sept. 28
McMinn, Wellington	8537	24	Oct. 16
Moshier, Joseph V	8545	9	Oct. 28
McCracken, Joseph G	8550	7	Nov. 3
Matters, Frank J	8559	7	Nov. 13
McMurray, William E	8569	2	Dec. 10
Neal, Presley J	5876	16	Mar. 25
Notter, Thomas H	5890	1	June 12
Newman, Eugene	8532	10	Oct. 11
Notley, Renee	8542	15	Oct. 22
Osgood, Charles	8549	10	Nov. 2
Parish, Orson S	5824	8	Feb. 12
Parker, Robert W	5850	5	Mar. 5
Parish, Sidney A	5891	14	Apr. 12
Patchen, Samuel A	6823	10	May 6
Patterson, George	6878	9	Aug. 3
Post, Frank R	6880	11	Aug. 5
Raines, Henry	5835	8	Feb. 22
Reilly, John	5869	13	Mar. 20
Reginer, John A	5886	7	Apr. 8
Robinson, William	6845	5	May 29
Resseque, Edgar C	6868	14	July 21
Smith, Edward J	5825	7	Feb. 15
Sullivan, Cornelius	5840	12	Feb. 25
Starkweather, Louis	5844	9	Feb. 27
Souter, Eli	6805	4	Apr. 23
Stanton, John	6824	17	May 7
Shugart, Henry	6826	11	May 8
Stickney, John H	6833	6	May 12
Shriver, Lemour	6851	8	June 10
Sweet, Elizur	6867	20	July 20
Staley, Jefferson B	6886	9	Aug. 12
Swap, William H	6890	5	Aug. 17
Spencer, Charles	6891	20	Do.
Sutton, David	6892	6	Do.
Stewart, Robert J	8518	6	Sept. 23
Stable, Frank M	8531	12	Oct. 8
Shannon, John	8538	7	Oct. 19
Town, Alexander	5892	5	Apr. 12
Tollon, Frank J	6803	5	Apr. 22
Thompson, Fred L	6889	11	Aug. 16
Trimm, Harry P	6894	8	Aug. 17
Tibbitts, Nelson C	8523	1	Oct. 1
Tallman, William	8551	14	Nov. 3
Upper, Monte	6842	3	May 26
Voelker, John A	8505	11	Sept. 10
Vosburg, Henry	8519	9	Sept. 24
Walker, George A	6861	11	July 6
Whiteset, John	6871	7	July 26
Walker, Albert H	8516	20	Sept. 20
Walker, Edwin C	8521	16	Oct. 1
Walter, Frank	8567	9	Dec. 2
Westfield, John	8568	12	Dec. 4
First assistant engineers.			
Bunce, James U	5801	5	Jan. 2
Burrow, John W	5289	2	Feb. 16
Bradley, John	5874	7	Mar. 24
Baunnerman, William	5882	1	Mar. 27
Bieber, William	5883	8	Apr. 3
Bangs, Horatio F	6815	3	Apr. 30
Bohn, Albert F	6819	10	May 3
Bertrand, Edd	6858	6	May 28
Blaicher, Windsor D	8546	4	Oct. 28
Clark, John	5815	1	Jan. 28
Campbell, George M	5816	1	Jan. 30
Cook, John	5823	4	Feb. 11
Campbell, William R	5826	2	Feb. 15
Connor, Thomas	5867	1	Mar. 19
Cavanaugh, James	5884	4	Apr. 3
Curtis, Richard	5886	3	Apr. 6

Engineers licensed—Buffalo, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Chapin, George C	5898	2	Apr. 17
Carroll, James E	5900	7	Apr. 19
Conroy, John M	6835	8	May 13
Clark, Arthur F	6857	4	June 25
Cunningham, James	6869	7	July 22
Carpenter, Edward M	6900	1	Sept. 4
Condon, Patrick	8505	15	Sept. 13
Clark, Charles E	8508	1	Sept. 14
Clingen, Arthur	8526	10	Oct. 5
Callanan, Cornelius	8555	6	Nov. 9
Dewald, George C	5833	3	Feb. 20
Dee, John	5838	5	Feb. 25
Dolan, George	6802	7	Apr. 21
Dawrse, John	6850	1	June 10
Dray, William J	6831	14	May 11
Dillingham, Ora H	6884	4	Aug. 9
Davies, Edward S	8525	5	Oct. 4
Fraser, Archie B	5817	3	Feb. 2
Furey, Stafford E	5818	1	Feb. 5
Fox, Daniel H	5848	3	Mar. 2
Fisher, George T	6895	8	Aug. 20
Forrest, William	8504	5	Sept. 10
Folkerts, Clinton	8557	4	Nov. 11
Green, William B	5872	10	Mar. 23
Garrity, William	5846	2	Mar. 1
Gibbs, David N	5878	5	Mar. 26
Groess, George	6808	7	Apr. 24
Goettle, William H	6810	19	Apr. 27
Girard, Alvan E	6817	8	May 3
Gardner, William	6822	8	May 5
Heimke, Charles T	5809	6	Jan. 18
Hagen, William	5810	2	Do.
Hayes, William A	5822	2	Feb. 9
Henry, Charles	5834	5	Feb. 20
Holme, Thomas	5839	4	Feb. 25
Herman, David	5842	3	Do.
Hilton, James	5849	13	Mar. 4
Haig, Grosvenor W	5873	8	Mar. 23
Hughes, John H	5889	3	Apr. 9
Harringer, Thomas	6882	9	Aug. 7
Haiser, Jacob M	8534	16	Oct. 12
Johnson, Charles J	5852	9	Mar. 8
Jorden, John G	5870	10	Mar. 20
Johnson, Henry	5897	5	Apr. 17
Kratzat, Fred	5862	8	Mar. 15
Kane, William E	5851	6	Mar. 6
Klein, William	5887	6	Apr. 6
Kahle, Augustus J	6846	6	May 29
Kelley, Michael J	6876	15	July 30
King, Jacob	8536	15	Oct. 16
Kelley, John	8552	5	Nov. 3
Kimball, Frederick O	8562	5	Nov. 18
Loveless, Robert	5866	7	Mar. 19
Labby, Charles	6830	16	May 10
Learned, Elry H	6887	3	Aug. 13
Lynn, Patrick	8501	23	Sept. 10
Mallen, Simon J	5803	3	Jan. 4
Moudy, Willard	5813	1	Jan. 22
Morgan, Henry	5820	7	Feb. 5
Mann, John F	5863	11	Mar. 16
McLaren, Alex	6814	4	Apr. 30
McLeod, Herbert T	6820	3	May 3
McGuire, James	6836	13	May 20
McCasland, James	6854	6	June 18
Milloy, Daniel	6881	8	Aug. 7
Mahoney, Dennis	6883	13	Do.
McCarthy, Charles	8517	2	Sept. 23
McCann, George E	8524	6	Oct. 4
Mugridge, Frederick	8560	3	Nov. 17
Meredith, James	8561	8	Do.
First assistant engineers—Continued.			
Naylon, William	8515	1	Sept. 20
O'Brien, James O	5808	16	Jan. 12
O'Neil, Thomas	6818	5	May 3
Power, Michael E	5893	6	Apr. 13
Plummer, Timothy	5896	2	Apr. 14
Patterson, John W	6816	12	Apr. 30
Prior, Daniel D	6839	7	May 25
Rauch, George H	5832	4	Feb. 17
Ray, Joseph	5837	8	Feb. 25
Rehbaum, Frederick	5861	6	Mar. 15
Rehbaum, Robert	5880	5	Mar. 27
Ross, Edwin E	5881	5	Do.
Rowe, Michael	6875	14	July 30
Rappleyea, William D	8511	7	Sept. 18
Staley, Sylvester	5821	2	Feb. 8
Stanton, William J	5828	5	Feb. 15
Smith, George W	5830	3	Feb. 16
Struble, Dennis	5845	1	Mar. 1
Scott, William	5847	6	Mar. 2
Spencer, Oscar F	5865	5	Mar. 17
Schmitt, Philip	5877	19	Mar. 26
Speth, Joseph J	6844	10	Mar. 28
Sangers, James	6849	7	June 5
Stark, Augustus	6866	7	July 12
Sperry, William L	8528	5	Oct. 5
Smith, Charles E	8544	9	Oct. 25
Schmitt, Jacob J	8547	4	Oct. 29
Streigel, Frank C	8563	10	Nov. 19
Town, Newton	5856	10	Mar. 12
Thompson, Fred J	6801	7	Apr. 21
Trauffler, Frank M	6811	4	Apr. 28
Van Kuren, Charles S	5843	6	Feb. 27
VanVelsor, Frank	8506	9	Sept. 13
Winters, George	5812	2	Jan. 19
Walker, Walter H	5836	5	Feb. 24
Wilson, Charles	5857	6	Mar. 13
Welsh, James	5868	5	Mar. 19
Wade, Charles	6859	1	June 30
Ward, Thomas W	6840	5	May 25
Ware, Charles J	8510	2	Sept. 16
Wilson, Peter A	8512	4	Sept. 20
Webb, Edmund L	8553	3	Nov. 3
Young, William F	5853	6	Mar. 9
Yager, Frederick W	6828	4	May 19
Special engineers.			
Eastwood, Warren C	3405	4	June 10
Fix, Frank	3410	3	July 2
Goulding, George P	3412	2	July 5
Hutton, Paul D	3420	3	Sept. 2
Krauff, Joseph G	3415	5	Aug. 3
Morrison, Hugh D	3409	2	July 2
McCarter, William H	3411	1	July 3
Marsh, John R	3416	3	Aug. 7
Moody, Elijah	3417	3	Aug. 13
Notley, John	3407	3	June 19
Oremerod, John W	3403	2	May 22
O'Connor, James	3422	6	Oct. 26
Perry, August J	3408	2	June 22
Peters, Charles	3421	5	Sept. 8
Randolph, B. F	3406	7	June 16
Roehl, John	3413	5	July 7
Stanton, John	3401	1	Apr. 7
Snyder, Dennis	3402	2	May 12
Schnitzer, Charles	3414	7	July 23
Yates, Minnie Rankin	3419	2	Aug. 28
Ziegele, William	3404	8	May 27
Zieger, Jacob	3418	6	Aug. 24

LOCAL DISTRICT OF CLEVELAND, OHIO.

Masters licensed during the year ended December 31, 1897—Cleveland, Ohio.

Name.	No. of license.	No. of issue.*	Date of issue.
Allen, Christopher L	6911	1, 5	Feb. 24
Allen, Samuel C	6944	9	Apr. 3
Allen, Christopher C	6975	27	Apr. 19
Ames, William	7022	16	May 11
Albano, Joseph	7046	26	May 31
Ahlstrom, John F	7108	11	Aug. 6
Archer, Herbert T	7117	17	Aug. 17
Averill, John W., jr	7161	15	Oct. 21
Anderson, Joseph	7168	18	Nov. 17
Benson, Daniel	6904	4	Jan. 26
Byrns, Ralph E	6908	5	Feb. 11
Burtis, George W	6913	1	Mar. 4
Brown, Frank	6915	11	Mar. 6
Benham, Charles A	6929	9	Mar. 24
Brock, George B	6942	10	Apr. 3
Baker, Cornelius R	6954	9	Apr. 8
Bell, George A	6955	11	Apr. 9
Baxter, William	6994	8	Apr. 29
Brock, Henry	7011	14	May 6
Brown, William W	7014	8	May 7
Bartholomew, George	7020	16	May 8
Beach, Charles H	7021	21	Do.
Brown, George A	7024	25	May 12
Barr, James	7032	18	May 19
Brown, Francis H	7036	39	May 21
Benham, William P	7037	5	May 22
Blattner, William H	7039	11	May 24
Borthwick, William N	7048	17	June 2
Bates, James D	7053	14	June 12
Bowen, James F	7065	23	June 22
Balfour, George W	7074	12	June 28
Bouille, Pierre	7075	8	Do.
Benham, Charles E	7077	25	June 29
Brown, John F	7095	16	July 20
Bailey, Fred A	7098	10	July 27
Buie, Daniel	7099	27	Do.
Bailey, Joshua	7128	19	Sept. 2
Butts, William C	7141	12	Sept. 24
Boylan, Patrick	7146	8	Oct. 1
Black, Thomas E	7152	27	Oct. 12
Bush, Charles A	7160	12	Oct. 21
Butman, Samuel J	7163	8	Oct. 28
Cleveland, George F	6903	38	Jan. 16
Culp, Hamilton	6909	1, 11	Feb. 13
Cozollis, Raymond	6986	11	Apr. 24
Cleveland, Charles R	6987	36	Apr. 26
Call, Richard	6989	16	Apr. 27
Courchaine, Daniel B	7007	18	May 5
Crandall, Henry	7015	23	May 7
Calaway, James W	7033	19	May 19
Crowley, Farrell J	7060	12	June 19
Carter, Henry A	7091	12	July 16
Chapman, Charles B	7093	24	July 19
Cumming, William	7110	34	Aug. 7
Chapman, Alfred C	7115	38	Aug. 12
Clary, Dennis C	7158	23	Oct. 16
Collins, William W	7169	15	Nov. 18
Dike, William P	6918	23	Mar. 11
Davis, Daniel	6922	12	Mar. 17
Donaldson, Robert	6964	11	Apr. 13
Dwelle, Alonzo W	7001	20	May 1
Duff, William	7044	9	May 27
Downs, William	7070	25	June 25
Delargie, Thomas	7105	10	Aug. 4
Drake, Albert	7112	32	Aug. 10
Davis, James	7119	30	Aug. 20
Dudleson, John	7151	28	Oct. 12
Doville, Egbert	7162	18	Oct. 25
Ennes, Claude M	6912	1, 6	Mar. 3
Edson, John M	6925	16	Mar. 20
Edson, Miles A	6977	14	Apr. 20
Ennes, Clinton G	7031	20	May 17
Foster, Henry L	6933	13	Mar. 27
Ferguson, William	6935	7	Do.
Freyensee, William	7045	25	May 28
Fifield, Henry A	7084	14	July 8
Flinek, Adolph E	7085	15	July 10
Fitts, Albert S	7129	27	Sept. 7
Faragher, William	7155	2	Oct. 14
Gould, Samuel W	6902	18	Jan. 15
Graham, George	6938	14	Mar. 31
Grover, Frank B	6940	15	Apr. 1
Godsell, William C	6965	20	Apr. 15
Grey, Bernard C	6969	18	Apr. 17
Gorman, Joseph	6970	24	Apr. 19
Goodell, Frederick A	6972	6	Do.
Graves, Fred. A	6984	16	Apr. 23
Gilmore, Simon A	6998	16	May 1
Gerlach, William	6999	10	Do.
Graves, Carlton	7006	9	May 3
Greenley, Albert J	7009	11	May 5
Green, Fred. W	7035	16	May 21
Goss, Lucius S	7043	17	May 27
Goodsite, Charles L	7058	5	June 17
Gillespie, Issac G	7088	18	July 14
Green, Thomas A	7097	10	July 26
Geisendorfer, George J	7136	20	Sept. 17
Geisendorfer, Andrew	7138	14	Do.
Hamel, Lewis N	6910	15	Feb. 23
Hunt, William J	6916	2	Mar. 6
Hoag, William	6920	12	Mar. 16
Hahn, Charles P	6921	16	Mar. 17
Herrick, Thomas C	6957	24	Apr. 10
Hewitt, Edward	6961	12	Do.
Holmes, Joseph A	6962	14	Do.
Hawgood, Arthur H	6983	11	Apr. 22
Hoover, Nathaniel E	6996	12	Apr. 29
Hinslea, Charles H	7005	16	May 3
Higgins, James W	7026	15	May 14
Hemrick, Henry	7029	9	May 15
Henderson, Daniel	7030	16	May 17
Harrington, Robert	7049	28	June 3
Hale, Fred. E	7066	18	June 22
Henson, James B	7071	13	June 25
Holly, William	7080	12	July 3
Hearnes, Frank A	7086	5	July 12
Holmes, Charles A	7087	8	Do.
Hyde, Jasper	7134	15	Aug. 14
Heaton, Charles H	7147	1, 9	Oct. 5
Hubbard, Charles	7150	11	Oct. 9
Hand Austin S	7159	17	Oct. 20
Hutchinson, Charles L	7164	11	Oct. 30
Hettrick, Michael E	7170	15	Nov. 22
Heyward, Solomon G	7172	21	Nov. 26
Judson, Henry E	6906	16	Feb. 4
Johnston, Martin	6914	11	Mar. 5
Jones, Thomas	6931	13	Mar. 25
Jones, Bushnell H	6959	15	Apr. 10
Johnston, John M	6985	18	Apr. 23
Joyce, Joseph B	7047	17	May 31
Johnston, William W	7173	21	Dec. 1
Jones, Stephen	7174	24	Dec. 8
Kerr, Robert W	7002	12	May 3
Kirby, Austin A	7064	22	June 22
King, Wallace	7073	16	June 28
Klutke, Hugo	7125	8	Sept. 1
Kelley, David	7143	16	Sept. 25
Lamb, Frank D	6927	15	Mar. 23
Lewis, Charles H	6948	14	Apr. 6
Laframboise, Jacob	6950	9	Apr. 7
Leon, George P	7010	9	May 6
Lowe, John	7016	21	May 8
Littleton, Charles J	7019	20	Do.
Lampoh, Joseph	7023	11	May 12
Lundy, John N	7041	30	May 26
Lyon, Isaac B	7042	22	Do.
Leaver, William J	7050	17	June 4
Lawless, James	7056	16	June 15
Landfair, John A	7111	34	Aug. 9
McNeff, John	6924	20	Mar. 19
May, Harry	6928	6	Mar. 23
Morris, Warren E	6930	10	Mar. 24

* Number of issue of current grade and the number of issues of all grades.

Masters licensed during the year ended December 31, 1897—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Morse, William W	6932	16	Mar. 25	Rabshaw, John W	7165	12	Nov. 11
McCoy, George A	6937	14	Mar. 29	Spear, Elazer P	6901	9	Jan. 8
Moshier, Benjamin	6945	21	Apr. 6	Smith, Charles C	6936	16	Mar. 29
Moody, William H	6960	12	Apr. 10	Slackford, William G	6939	14	Mar. 31
Marsh, Sidney O	6967	10	Apr. 16	Sanders, Joseph	6943	11	Apr. 3
Miles, James E	6980	8	Apr. 21	Simpson, Thomas W	6949	10	Apr. 6
Mallory, George B	6982	18	Apr. 22	Smith, William H	6971	24	Apr. 19
Marks, Joseph M	6988	24	Apr. 26	Smith, John N	6973	25	Do.
Murphy, Stephen	6992	12	Apr. 29	Stough, Lafayette	6978	9	Apr. 20
McCallum, Henry C	7004	24	May 3	Sanders, Thomas H	6979	5	Apr. 21
Mullen, John D	7008	12	May 5	Serles, Whitman A	7003	15	May 3
Moore, Orton E	7018	16	May 8	Sweeney, John	7012	27	May 6
Moore, John W	7038	5	May 22	Steible, John	7054	10	June 14
McLeod, John H	7051	8	June 10	Sherbno, Charles P	7063	11	June 22
Murphy, Samuel N	7055	26	June 14	Skeldon, James W	7069	26	June 24
Magle, George W	7057	31	June 15	Sawyer, Edwin L	7076	14	June 29
Maguire, Edward	7062	18	June 21	Spalding, James E	7082	13	July 5
Moffitt, John M	7067	15	June 23	Smith, Philip H	7090	15	July 15
McFarland, Alexander	7068	35	Do.	Sage, George V	7101	25	July 30
McDowell, John	7094	16	July 19	Stratton, Seymour	7118	20	Aug. 19
McFarlane, Daniel	7096	38	July 20	Smith, William	7130	11	Sept. 8
McLear, William	7100	17	July 30	Stevenson, Alex. A	7132	14	Sept. 10
Mallory, William E	7102	18	July 31	Sherwood, Noah L	7133	11	Sept. 11
McKinley, James	7103	18	Aug. 4	Stuart, James	7135	14	Sept. 15
McKeighan, John	7106	10	Aug. 5	Skeldon, Joseph L	7137	14	Sept. 17
Miner, Charles	7109	17	Aug. 6	Smith, Philip W	7148	15	Oct. 5
Morrison, John S	7114	17	Aug. 12	Scott, Charles	7153	32	Oct. 13
Morton, Edward	7116	9	Aug. 16	Shannon, Orin L	7154	23	Oct. 14
Murdock, Samuel	7121	16	Aug. 23	Stephens, George L	7171	25	Nov. 24
Mitchell, James B	7123	13	Aug. 25	Shepherd, George W	7175	15	Dec. 11
McKay, George P	7127	35	Sept. 2	Titus, Daniel	6917	1	Mar. 6
McQueen, Eber B	7139	17	Sept. 18	Tifft, Charles H	6926	11	Mar. 22
McNelley, William H	7140	25	Sept. 20	Tower, Charles B	6941	10	Apr. 2
McCormick, John	7142	8	Sept. 25	Tulian, Gaines D	6968	1, 5	Apr. 17
McAllister, David	7149	5	Oct. 7	Tyrie, Harry	7052	15	June 11
Magle, Frederick J	7167	26	Nov. 17	Thompson, John C	7083	16	July 7
Neville, Richard	6981	1, 2	Apr. 22	Thompson, George L	7145	13	Oct. 1
Nicholson, Duncan	7107	26	Aug. 6	Vessey, Charles F	6905	16	Feb. 1
Nixon, Francis	7120	15	Aug. 21	Vanslet, Abram	6923	1, 8	Mar. 18
Nugent, Owen	7157	23	Oct. 15	Vosburg, Loren G	7072	22	June 26
O'Connor, John	6952	8	Apr. 8	Vessey, William	7124	12	Aug. 31
Olson, Olof	6956	13	Apr. 9	Vosburg, Edward	7144	17	Sept. 27
Oldorff, Adolph	6997	17	Apr. 30	Walder, Rudolph J	6919	6	Mar. 12
Owens, James	7017	14	May 8	Woodruff, Lyman B	6934	9	Mar. 27
Patchin, Malcolm A	6907	14	Feb. 9	Ward, John	6951	11	Apr. 7
Page, Joseph	6947	21	Apr. 6	Wetmore, Franklin A	6953	28	Apr. 8
Peterson, Andrew	6966	12	Apr. 16	Wallace, William E	6963	10	Apr. 13
Pringle, William J	6990	20	Apr. 27	Weeks, James L	6974	12	Apr. 19
Post, Joseph W	6091	13	Do.	Walker, Norman B	6993	16	Apr. 29
Pringle, Robert C	6995	8	Apr. 29	Wilford, Thomas	7025	15	May 14
Place, Frank	7061	15	June 21	Warner, J. Byron	7028	15	May 15
Perew, Frank D	7079	8	July 3	Wheeler, William P	7040	19	May 25
Peterson, Christian A	7092	14	July 19	Wilson, Arthur	7059	10	June 18
Parsons, Alva B	7113	10	Aug. 11	Williams, William H	7078	33	July 2
Parsons, Joseph	7131	5	Sept. 8	Whetstone, Joseph C	7089	31	July 14
Pelton, Edwin R	7156	10	Oct. 14	Witcher, Henry	7104	11	Aug. 4
Pelton, Francis V	7166	10	Nov. 15	Walsh, James A	7122	19	Aug. 23
Robinson, Alexander R	6946	6	Apr. 6	Wadsworth, William	7126	9	Sept. 1
Rae, Frank C	6958	12	Apr. 10	Young, Lucius W	7000	22	May 1
Reimers, Amos C	6976	9	Apr. 19	Young, William	7013	15	May 7
Rice, Frank	7027	11	May 14	Zurhorst, Edmund H	7034	16	May 19
Reynolds, William H	7081	9	July 3				

Pilots licensed during the year ended December 31, 1897—Cleveland, Ohio.

First-class pilots.				*First-class pilots*—Continued.			
Anderson, Charles A	4803	3	Jan. 11	Bartel, Arthur E	4807	5	Jan. 19
Ackley, George M	4832	3	Feb. 25	Barrington, George	4830	8	Feb. 20
Anderson, Charles W	4838	2	Mar. 1	Burrill, Harry C	4831	7	Feb. 23
Alger, Melbourne S	4858	4	Mar. 24	Benham, George E	4840	1	Mar. 3
Ames, George W	4895	11	Apr. 28	Baker, John A	4856	4	Mar. 17
Anthony, McDowell	4929	9	May 28	Burns, Thomas	4877	3	Apr. 13
Anderson, Mathew	4960	5	July 27	Burt, George G	4892	5	Apr. 26
Abel, Albert	4979	13	Sept. 4	Blemke, August	4907	10	May 7
Allen, William F	4990	12	Oct. 15	Babbitt, John H	4917	10	May 14

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Boothman, Justus S	4943	11	June 21
Brennan, Thomas	4966	10	Aug. 10
Brooks, Frank F	4978	13	Sept. 2
Blair, Henry J	4983	12	Sept. 20
Blanchard, Harry	5704	7	Dec. 7
Curphey, Edward	4805	7	Jan. 14
Craigie, Alexander	4834	3	Feb. 25
Colbert, Thomas	4844	3	Mar. 4
Crockett, William	4848	6	Mar. 6
Clark, John M	4852	4	Mar. 13
Carlson, Lars	4854	3	Do.
Clendenin, William B	4857	8	Mar. 22
Cudeback, George L	4886	12	Apr. 20
Collins, John	4935	8	June 5
Conley, Felix	4941	11	June 14
Cook, Charles	4954	14	July 6
Collins, John H	4971	16	Aug. 27
Cramer, William A	4982	9	Sept. 14
Coulter, Harry J	5705	14	Dec. 9
Dority, Arthur	4801	8	Jan. 4
Douglas, George A	4824	6	Feb. 17
Dobson, Joseph C	4843	3	Mar. 3
Dettrick, Robert A	4853	8	Mar. 13
Durand, George L	4862	3	Mar. 30
Dixon, Alfred	4866	9	Apr. 7
Drullard, David	4874	9	Apr. 9
Dahlke, Edward	4880	26	Apr. 16
Disbrow, George W	4887	18	Apr. 23
Driscoll, Denis	4898	11	Apr. 30
Dwelle, William G	4906	8	May 7
Dinnis, Francis	4915	9	May 14
Dixon, William C	4919	25	May 15
Dyble, Edward	4921	7	May 18
Davis, George B	4940	8	June 12
Dunseith, John	4962	22	Aug. 5
Downer, Rosel	4965	17	Aug. 10
Drynan, William	5702	14	Nov. 12
Ellis, Frank S	4819	4	Feb. 6
Ennes, Everett L	4833	3	Feb. 25
Ehrhart, John W	4870	9	Apr. 8
Full, Peter	4850	2	Mar. 11
Fisher, Horace	4904	13	May 5
Finister, Sheldon E	4913	7	May 11
Foote, Herbert P	4924	8	May 21
Fitzgerald, William G	4928	15	May 26
Floro, James H	4968	12	Aug. 13
Gregg, Warren	4811	4	Jan. 23
Gould, Thomas W	4859	2	Mar. 24
Gordon, Denis	4879	5	Apr. 15
Greenwood, Robert C	4944	12	June 22
Gegoux, Henry	4958	3	July 9
Hayharger, Herbert G	4804	5	Jan. 14
Holmen, Henry	4871	6	Apr. 8
Hutcheson, Charles C	4872	7	Apr. 9
Hansen, Marcilius	4889	5	Apr. 24
Holl, Frank H	4890	8	Do.
Hill, Edwin A	4894	4	Apr. 28
Hardy, George E	4938	8	June 10
Hinslea, Henry	4939	5	June 11
Hinman, Charles A	4952	3	July 3
Huntoon, Horace	4959	10	July 17
Hyde, William	4985	16	Sept. 28
Harry, Paul	4988	10	Oct. 14
Hanson, Niels P	4992	9	Oct. 27
Hansenflue, Fred J	4993	4	Oct. 29
Ingraham, Henry D	4865	15	Apr. 6
Inman, Theodore	5703	14	Nov. 22
Johnson, Martin	4829	2	Feb. 20
Jones, Samuel W	4835	6	Feb. 26
Jaenke, Herman	4949	7	July 1
Johnson, Alexander	4961	14	Aug. 3
Keller, Alva B	4849	3	Mar. 11
Karstens, Peter J	4901	7	May 1
Kennedy, Edward	4933	8	June 3
Loher, Henry G	4806	5	Jan. 16
Le Beau, Sidney	4808	5	Jan. 21
Loher, Albert	4827	1	Feb. 18
First-class pilots—Continued.			
Lynix, John F	4828	2	Feb. 19
Lavoo, Peter J	4841	4	Mar. 3
Lewis, John	4845	3	Mar. 4
Lipp, John	4847	4	Mar. 5
Langel, Matt	4868	9	Apr. 7
Luscombe, Walter R	4883	7	Apr. 19
Langell, Allen	4897	5	Apr. 29
Layle, Fred W	4911	7	May 10
Light, Fred W	4937	5	June 9
Lent, Clinton E	4947	8	June 28
Lewis, Frank	4948	8	June 29
Meier, Charles	4812	4	Jan. 25
McNamara, John	4813	2	Jan. 26
McGarry, John	4815	6	Feb. 1
Moore, Christopher A	4820	8	Feb. 8
Myers, Amos H	4821	7	Do.
Murphy, Barney	4823	17	Feb. 13
Merriman, Charles A	4826	7	Feb. 18
McKee, Irwin	4839	3	Mar. 2
McGrain, William	4851	14	Mar. 12
Murphy, Peter	4855	11	Mar. 16
McDowell, Jacob	4876	13	Apr. 13
McCarthy, Patrick	4881	11	Apr. 17
Mooney, James L	4884	8	Apr. 20
McEwen, Henry W	4888	4	Apr. 24
McMillen, Barney	4920	20	May 17
Moore, William H	4926	8	May 22
McLachlan, Alex. H	4930	8	May 29
Moore, Samuel S	4936	7	June 5
Morin, James	4956	15	July 8
Montgomery, Henry	4957	14	July 9
Moore, William E	4963	10	Aug. 6
McMillan, Alexander	4976	15	Sept. 2
McGill, Frank	4980	7	Sept. 4
McGrain, Joseph	4984	4	Sept. 27
Murphy, Henry A	4997	13	Nov. 3
Murphy, Neal	4999	9	Nov. 6
Matt, John G	5000	13	Nov. 10
Nichols, David F	4970	12	Aug. 24
Nelson, Olof	4973	2	Aug. 28
O'Donnell, James F	4810	4	Jan. 22
Olsen, Oscar	4818	1	Feb. 5
Ohman, John	4842	1	Mar. 3
Ostberg, John G	4900	3	May 1
O'Neill, Richard	4910	6	May 8
Philip, Samuel E	4802	1	Jan. 7
Peters, Harvey	4814	7	Jan. 30
Person, John C	4825	1	Feb. 17
Price, William H	4861	11	Mar. 29
Peterson, Peter A	4878	4	Apr. 14
Peterson, Carl	4882	9	Apr. 19
Pardo, William	4902	12	May 1
Parsons, John	4925	16	May 22
Parker, William	4955	16	July 8
Poeck, Albert	4998	10	Nov. 5
Reid, Frederick H	4816	3	Feb. 2
Ransier, Samuel	4822	1	Feb. 13
Robertson, William A	4836	4	Mar. 1
Rafferty, Charles M	4891	14	Apr. 26
Read, William	4903	16	May 4
Rose, Frank	4918	12	May 15
Ransier, George	4922	8	May 19
Rice, Sherman	4934	6	June 3
Robb, William	4942	9	June 16
Raines, Edward	4953	10	July 5
Rogers, Frank M	4994	9	Oct. 30
Rodgers, Willard	4996	7	Nov. 3
Starkey, Edward J	4817	2	Feb. 5
Sweeney, Joseph A	4864	13	Apr. 6
Starkey, Charles J	4869	2	Apr. 8
Siering, Valentine A	4873	12	Apr. 9
Sullivan, Nathan	4885	14	Apr. 20
Stalker, John W	4893	10	Apr. 27
Smith, Charles C	4896	16	Apr. 29
Symington, John	4905	12	May 6
Saunders, Joseph	4908	4	May 7
Smith, John G	4909	12	May 8

Pilots licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Skeldon, George W	4914	20	May 12
Snell, Alva	4923	10	May 20
Stickney, Charles H	4927	22	May 24
Steiert, Hugo	4945	13	June 22
Somerville, William	4964	11	Aug. 9
Stalker, Archie	4967	9	Aug. 11
Steele, William	4974	16	Aug. 31
Sullivan, Alex. J	4975	2	Do.
Sisson, James K. P	4977	7	Sept. 2
Schiele, Robert	4987	12	Oct. 9
Todd, William B	4809	4	Jan. 22
Teasel, Andrew	4837	13	Mar. 1
Tower, Charles C	4867	7	Apr. 7
Titus, Henry W	4912	21	May 11
Thrasher, Charles	4946	7	June 24
Thrasher, George G	4972	10	Aug. 27
Todd, Joseph D	4981	18	Sept. 11
Tenny, Frank	4995	12	Nov. 1
Valier, Antoine	4989	14	Oct. 14
Wilman, Dan	4846	1	Mar. 4
Weitzman, Charles A	4860	5	Mar. 25
Willoughby, Henry	4863	7	Mar. 31
Wilkinson, Benoni J	4899	14	Apr. 30
Willet, Luke	4931	20	May 31
Williams, John	4932	14	June 2
Woodward, Charles D	4950	7	July 2
Wylie, Edward J	4951	17	July 3
Wangler, George	4969	10	Aug. 21
Wheren, William P	4986	2	Oct. 7
Wilds, George	5701	6	Nov. 12
Yeipe, Nicholas	4875	6	Apr. 10
Young, Patrick P	4916	6	May 14
Young, Theodore	4991	24	Oct. 16
Second-class pilots.			
Anthony, Charles H	4820	7	Feb. 27
Abair, Charles	483[illegible]	11	Mar. 23
Adamson, Henry	4969	8	Sept. 14
Adams, Fred. E	4990	9	Nov. 15
Biemiller, John O	4844	7	Apr. 6
Blair, Joseph C	4847	7	Apr. 14
Bernor, Louis T	4855	8	Apr. 27
Brooks, Benjamin O	4857	6	Do.
Babbitt, William	4858	11	Apr. 29
Brown, Walter	4880	5	May 25
Brogan, Leander T	4891	8	June 8
Beebe, Miles H	4894	8	June 11
Barry, William	4907	2	June 24
Byrne, William	4910	11	June 26
Beucher, John R	4930	18	July 23
Bull, Charles	4938	9	Aug. 6
Cook, August	4809	11	Feb. 10
Cotter, William	4879	7	May 25
Capman, James	4919	14	July 10
Chapman, Bird B	4928	12	July 22
Cleaver, Frederick	4931	15	July 26
Coonrod, John	4955	8	Aug. 28
Crangle, William H	4963	13	Sept. 9
Curren, William M	4992	10	Nov. 23
Dwyer, William J	4833	17	Mar. 17
De Mooy, Charles W	4853	2	Apr. 26
Dressler, Henry	4862	16	May 4
Driscoll, Frederick	4900	7	June 18
Dailey, George E	4901	11	June 19
Doller, Valentine	4904	13	June 22
Dayton, George	4914	14	June 29
Dodge, Elliott J	4926	16	July 19
Donahue, Charles P	4932	17	July 27
Draper, Charles E	4936	9	Aug. 4
Dwyer, Samuel T	4967	17	Sept. 13
Douglas, John W	4968	9	Do.
Donaldson, Samuel G	4977	5	Oct. 12
Edson, Lucius C	4873	12	May 15
Ellis, George W	4877	12	May 22
Ellwell, Charles D	4893	9	June 9
Elliott, Fred W	4906	12	June 24
Second-class pilots—Continued.			
Fetterly, Stephen	4943	10	Aug. 9
Ginley, Patrick V	4804	4	Jan. 21
Giroux, Ralph X	4863	6	May 4
Gunzenhauser, John G	4871	8	May 12
Giroux, Cosmas A	4897	6	June 16
Giles, William H	4970	9	Sept. 23
Holmes, Arthur W	4818	4	Feb. 24
Holly, William N	4823	6	Mar. 3
Harmon, Frank	4841	26	Mar. 26
Haas, Jacob	4895	10	June 15
Hanlen, John C	4902	13	June 19
Hobson, John W	4911	17	June 28
Hayes, Edward R	4959	10	Sept. 2
Johnson, Aubrey P	4821	9	Mar. 2
Jones, John N	4854	12	Apr. 26
Jennings, Edward J	4867	6	May 10
Jones, Lewis	4878	16	May 24
Jackway, William	4986	18	Oct. 27
Kemmet, Edward F	4966	14	Sept. 11
Kolfage, Edward O	4979	6	Oct. 16
Lockhart, James A	4817	11	Feb. 24
Leonard, Samuel E	4861	7	May 1
Lawson, Nicholas	4875	1	May 17
Lange, John	4890	10	June 2
Lay, John	4950	13	Aug. 24
McClure, Burt L	4836	1	Mar. 22
McNutt, Edward R	4839	6	Mar. 23
McKnaugh, Thomas	4868	15	May 10
Moesing, John	4887	8	May 28
McGuire, John	4921	12	July 15
Mulinix, George W., jr.	4924	23	July 19
McRae, Daniel	4937	7	Aug. 4
Mulinix, George W., sr.	4978	25	Oct. 14
Molyneux, William H	4984	13	Oct. 21
McLennan, Malcolm	4985	7	Oct. 22
Mulinix, John W	4987	15	Oct. 28
Matt, Edward J	4993	10	Dec. 7
Normand, James H	4813	22	Mar. 30
Nettleton, Frank E	4848	8	Apr. 20
Nixon, James	4913	16	June 29
Nolan, Louis H	4935	7	Aug. 3
O'Hare, Edward	4835	7	Mar. 19
Ohlemacher, Edward	4881	6	May 25
Owen, Daniel H	4965	11	Sept. 10
O'Connor, Thomas V	4975	1	Oct. 1
Peterson, Peter	4807	2	Feb. 6
Post, Thomas A	4882	1	May 25
Peck, Charles	4951	12	Aug. 25
Pierce, Henry C	4973	10	Sept. 30
Quick, Philip	4870	9	May 12
Quick, Richard M	4912	13	June 28
Regan, Anthony S	4953	11	Aug. 26
Rehberg, William	4956	12	Aug. 28
Robbins, Frank	4960	1	Sept. 3
Rearick, William R	4971	4	Sept. 25
Rainwater, David	4982	14	Oct. 19
Spaulding, George L	4801	3	Jan. 4
Smith, Henry J	4814	5	Feb. 15
Sarles, Charles W	4819	7	Feb. 25
Schumacher, John	4828	10	Mar. 12
Smith, James B	4845	16	Apr. 8
Schumacher, Henry	4898	8	June 17
Simonson, Niles	4899	7	Do.
Schied, Philip	4903	14	June 22
Scribner, John W	4940	12	Aug. 7
Skeldon, John E	4947	25	Aug. 18
Slavin, James F	4981	6	Oct. 18
Stannard, Arthur A	4991	4	Nov. 22
Sabin, Oscar	4994	6	Dec. 6
Turnbull, Gilbert E	4846	1	Apr. 10
Toomey, Edward	4886	12	May 27
Torrey, Silas	4918	16	July 10
Vincent, John A	4983	8	Oct. 21
Waterfield, Robert P	4806	2	Feb. 3
Whitmore, Alfred	4860	8	Apr. 30
Wilkins, Thomas	4872	15	May 12
Wholey, John	4896	8	June 15

Pilots licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Special pilots*—Cont'd.			
Webb, Vernon L	4915	14	July 3	Harrison, Nealon	4916	9	July 3
Williams, Edward A	4922	23	July 16	Hageman, Philip L	4917	7	July 8
Worden, Charles M	4946	9	Aug. 17	Heidloff, John A	4944	4	Aug. 11
Wheeler, Jay W	4957	6	Sept. 1	Horn, Alexander	4948	7	Aug. 18
Winnie, Charles L	4972	13	Sept. 29	Hinrichsen, Martin A	4980	10	Oct. 18
				Jones, Frank H	4834	5	Mar. 19
Special pilots.				Johnson, Albert	4837	8	Mar. 23
				Karr, John U	4874	1	May 17
Allis, Edwin Z	4954	11	Aug. 27	Kolbe, William F	4941	6	Aug. 7
Berchtold, Leopold	4812	3	Feb. 15	Kishman, Edward W	4962	6	Sept. 7
Burrill, Edward H	4832	5	Mar. 17	Leidheiser, Henry	4824	7	Mar. 8
Barram, John S	4851	8	Apr. 24	Meister, Gustus H	4830	8	Mar. 13
Blakeley, James	4892	11	June 9	Mastin, William O	4831	6	Mar. 16
Bellman, William M	4905	8	June 24	Motley, Charles	4850	13	Apr. 24
Bogardus, William B	4929	1	July 22	Mason, Byron T	4920	5	July 15
Beigh, John [illegible] jr	4945	10	Aug. 16	Maytham, Walter J	4933	1	July 27
Brooks, Jesse J	4958	9	Sept. 2	Meister, Charles F	4961	8	Sept. 4
Bell, Joseph M	4964	6	Sept. 10	Meister, John W	4974	6	Sept. 30
Carolan, Joseph	4802	1	Jan. 12	Normand, George A	4826	9	Mar. 11
Corneliuson, Paul O	4813	4	Feb. 15	Nettleton, Daniel W	4840	4	Mar. 25
Calder, Alexander	4815	7	Feb. 17	Owen, George	4849	5	Apr. 20
Corey, Joseph L	4883	6	May 27	Ochs, John J	4865	9	May 5
Carr, James W	4888	6	May 28	Peterson, John M	4811	6	Feb. 15
Chapman, Burton B	4889	6	May 29	Poppelwell, David	4842	3	Mar. 29
Dale, Elmer E	4852	5	Apr. 24	Rohr, Albert	4803	1	Jan. 15
Durfee, Myron F	4856	11	Apr. 27	Rice, Fayette A	4827	4	Mar. 12
Doville, Harry C	4939	3	Aug. 7	Scott, Canarus	4864	9	May 5
Elliott, Dan	4808	5	Feb. 8	Seitz, Michael	4884	5	May 27
Ellis, Andrew C	4876	4	May 19	Sheldon, George F., jr	4885	4	May 27
Eschbacher, Frank P	4942	14	Aug. 9	Sill, Fred W	4927	2	July 20
Floro, Jessie	4816	6	Feb. 23	Scribner, James	4949	5	Aug. 24
Flemin, Charles W	4909	11	June 26	Smith, Burt E	4976	3	Oct. 5
Friend, Charles F	4923	8	July 19	Thompson, Edward H	4866	5	May 6
Faust, Charles	4925	8	Do.	Thorsen, Harry	4869	4	May 11
Grow, Edward	4822	4	Mar. 2	Twing, Eldred L	4934	1	Aug. 2
Groat, Charles H	4829	1	Mar. 13	Wood, William	4810	3	Feb. 11
Gruber, Edward P	4908	6	June 26	Welch, Melvin E	4825	5	Mar. 8
Gedeohn, Emma B	4952	6	Aug. 26	Wigton, Frank E	4859	3	Apr. 29
Gerlach, Henry	4989	5	Nov. 8	Westfall, Eli	4988	3	Oct. 30
Heyman, John P	4805	4	Jan. 26				

Joint pilots and engineers licensed during the year ended December 31, 1897—Cleveland, Ohio.

Pomeroy, George	1801	5	Apr. 14	Short, Sidney H	1802	1	Aug. 11

Engineers licensed during the year ended December 31, 1897—Cleveland, Ohio.

Chief engineers.				*Chief engineers*—Continued.			
Acker, William G	7202	10	Jan. 4	Bramwell, Edward J	7346	16	May 15
Anderson, Mathew	7238	9	Mar. 10	Brady, Michael E	7351	16	May 18
Aiken, William H	7253	7	Mar. 19	Bolley, Allen	7368	9	May 26
Anderson, Nicholas	7273	19	Apr. 5	Burrows, Benjamin B	7372	22	May 28
Averill, George E	7331	21	May 4	Brokate, John	7376	8	May 31
Ager, Charles E	7375	13	May 31	Bullock, William	7380	12	June 5
Aznoe, James L	7381	5	June 7	Bury, Albert E	7390	18	June 12
Anderson, George H	7445	16	July 23	Beach, Oscar M	7393	14	June 14
Angell, William G	7473	24	Aug. 11	Burr, William B	7405	8	June 23
Alger, Ethan	7498	7	Sept. 6	Berriman, Thomas	7424	26	July 12
Bridges, William	7211	24	Jan. 30	Beardsley, Charles C	7427	13	July 13
Blaine, Thomas J	7231	10	Mar. 3	Busher, Edward W	7439	8	July 17
Bender, John B	7252	7	Mar. 18	Ballard, Homer C	7443	9	July 20
Beers, Thurman E	7259	8	Mar. 23	Bannhart, Henry	7446	14	July 23
Beebe, Charles F	7260	4	Mar. 26	Brews, Douglas	7452	12	July 26
Bohland, Adam G	7263	8	Do.	Broderick, John	7455	16	July 27
Berney, Josiah	7265	16	Mar. 27	Brant, Stewart	7487	21	Aug. 24
Bennett, James	7282	8	Apr. 10	Bennett, Sidney C	7493	28	Sept. 1
Butler, Everett D	7339	7	May 10	Barker, Elmanson A	7494	21	Do.

Engineers licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Burns, Edward J	7496	8	Sept. 2
Brakeman, Hiram S	12105	12	Sept. 14
Buckhart, Jacob	12114	17	Sept. 21
Burton, Henry W	12117	7	Sept. 25
Crandall, Henry	7207	13	Jan. 9
Cullen, Edward C	7213	5	Feb. 3
Crawford, James W	7214	7	Do.
Cunningham, Wm. J	7226	5	Feb. 27
Cook, Jasper W	7235	22	Mar. 6
Conway, Daniel	7254	27	Mar. 19
Cook, Herbert F	7264	16	Mar. 27
Clark, Clement	7290	15	Apr. 17
Collins, John	7292	17	Apr. 20
Conrick, Thomas	7314	6	Apr. 26
Cummings, James	7326	11	Apr. 30
Church, Charles J	7335	21	May 5
Castle, Christopher	7343	20	May 11
Coger, George	7348	13	May 17
Carr, Peter J	7359	11	May 22
Clark, Michael K	7364	28	May 24
Currie, Archibald	7401	24	June 21
Chestnut, James	7421	7	July 10
Cater, Jarvis B	7426	26	July 12
Callahan, Philip	7429	20	July 13
Cowley, John	7433	20	July 15
Craig, Frederick	7447	6	July 23
Connelly, John	7472	17	Aug. 10
Chase, James L	7480	22	Aug. 19
Costello, John F	7481	18	Aug. 21
Castle, John L	12126	26	Oct. 7
Carrick, William	12140	17	Oct. 27
Clark, William C	12149	6	Nov. 16
Corns, Francis	12150	23	Nov. 17
Dempsey, James	7223	23	Feb. 24
Donaldson, Grant G	7242	8	Mar. 15
Dike, William P	7244	16	Mar. 16
Donaldson, Edward	7256	12	Mar. 22
Downer, Henry S	7257	15	Do.
Donovan, James	7280	11	Apr. 10
Donaldson, William R	7303	6	Apr. 23
Dempsey, William F	7329	18	May 1
Davis, Charles M	7338	12	May 8
Dilgart, Henry C	7373	14	May 28
De May, John W	7379	8	June 2
De May, Lewis	7389	17	June 12
Derry, John J	7399	15	June 19
Davis, Charles R	7453	14	July 26
Decatur, Alvinza C	7463	23	Aug. 3
Downer, Charles P	12104	19	Sept. 14
Decker, William N	12127	23	Oct. 7
Downer, Rosel	12144	24	Nov. 2
Eagan, Thomas	7258	21	Mar. 22
Eardley, Henry	7274	18	Apr. 6
England, William	7300	19	Apr. 20
Erving, John	7378	14	June 1
Eaton, Levi	7418	19	July 8
Emch, Nicholas	7486	15	Aug. 24
Elliott, William	12103	24	Sept. 11
Eggert, Albert L	12112	20	Sept. 20
Ellis, James H	12120	6	Oct. 2
Ellsworth, Elmer	12148	16	Nov. 12
Farr, Herbert H	7233	6	Mar. 4
Fiden, Adam	7295	13	Apr. 20
Felt, James S	7318	12	Apr. 27
Field, Robert H	7367	21	May 25
Francombe, Thomas A	7395	3	June 16
Fox, Edward W	7459	4	July 30
Frasier, William R	7484	23	Aug. 23
Fraser, Duncan	12113	7	Sept. 21
Foster, William J	12145	15	Nov. 4
Ferguson, Frank J	12151	9	Nov. 17
Green, John W	7270	11	Apr. 3
Gordon, Frank W	7301	9	Apr. 21
Gilmore, Orrin H	7305	15	Apr. 23
Green, Charles W	7316	13	Apr. 27
Greenhalgh, William R	7353	13	May 19
Gillespie, Isaac G	7431	21	July 14
Gaa, John	7457	22	July 28
Chief engineers—Continued.			
Gilbo, Jonas H	7475	22	Aug. 13
Gillespie, Alexander A	12121	10	Oct. 4
Hegemer, John	7205	9	Jan. 7
Hendricks, Jacob	7250	16	Mar. 18
Hanky, Frank F	7262	7	Mar. 26
Hauck, Adolph	7275	18	Apr. 6
Harmon, Fred. M	7283	22	Apr. 12
Hone, Irving	7285	9	Do.
Hyde, Thomas J	7286	4	Apr. 14
Hess, John	7313	12	Apr. 26
Harris, Ellsworth	7322	13	Apr. 29
Honeywell, David	7324	27	Apr. 30
Haig, John H	7355	13	May 20
Houts, John W	7361	19	May 22
Hannah, Robert S	7370	17	May 27
Hart, John B	7382	13	June 7
Howe, Henry A	7386	17	June 10
Homan, Charles M	7388	26	June 11
Haas, Jacob	7394	34	June 14
Hendrey, George	7417	37	July 7
Hughes, Michael	7437	32	July 16
Haig, Andrew	7462	8	Aug. 2
Howard, Christ	7466	9	Aug. 5
Hickey, Frank W	12106	8	Sept. 14
Huber, Joseph	12118	15	Sept. 30
Hay, James C	12123	30	Oct. 5
Hamilton, Robert B	12130	4	Oct. 8
Hayes, William H	12133	22	Oct. 11
Hunter, Silas H	12146	22	Nov. 10
Helbing, August J	12147	21	Nov. 11
June, Peter J	7315	15	Apr. 27
Jenks, Thomas M	7337	18	May 8
Jones, James K	7383	18	June 8
Jenkins, Evans	12111	26	Sept. 20
Justus, James E	12142	14	Oct. 29
Kennedy, William	7204	34	Jan. 15
Kirby, James D	7208	17	Jan. 23
Kennedy, John	7239	27	Mar. 12
Karcher, John	7307	33	Apr. 23
Kelly, Sylvanus	7392	14	June 14
Kreidle, Charles S	7396	24	June 16
Kincaid, William B	7397	14	June 18
Kelly, Thomas	7398	15	Do.
Klasen, John P	7404	9	June 22
Kennedy, William H	7409	9	June 26
La Forge, John	7240	14	Mar. 12
Lock, Erasmus D	7246	20	Mar. 17
Lloyd, Samuel A	7271	16	Apr. 3
Lee, James	7310	12	Apr. 24
Love, Charles J	7356	20	May 20
Luehrs, Julius	7357	17	May 21
Lynch, Mathew	7362	16	May 22
Lance, Charles C	7366	22	May 24
Lloyd, William A	7488	12	Aug. 25
Lord, James H., jr	7499	10	Sept. 7
Lorimer, Charles	12102	5	Sept. 10
Lawson, Thomas P	12107	4	Sept. 15
Lloyd, Mark A	12116	15	Sept. 24
Lyons, James E	12135	25	Oct. 14
Morrow, William	7218	7	Feb. 11
McGregor, Allen	7220	4	Feb. 18
McAuley, Henry T	7222	7	Feb. 23
Mayer, William F	7227	13	Feb. 27
Murphy, Patrick	7229	9	Mar. 1
Mastin, Richard	7251	16	Mar. 18
Masters, George	7255	26	Mar. 20
Milne, George B	7267	14	Mar. 30
Monroe, Loren F	7268	21	Apr. 1
McVicar, Duncan N	7287	7	Apr. 15
McDonald, Andrew N	7304	14	Apr. 23
McCune, Martin	7308	11	Apr. 24
Mitchell, James D	7317	15	Apr. 27
Milroy, Anthony	7319	7	Apr. 28
Marquart, George, jr	7321	13	Apr. 29
McGregor, John	7323	15	Apr. 30
McMonagle, John	7325	13	Do.
Mathew, John	7327	7	May 1
McMillan, Donald J	7334	7	May 5

Engineers licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Mulinix, Jacob J	7341	16	May 10
Mayberry, Richard D	7403	22	June 22
McMonagle, George	7416	17	July 6
McNelly, George F	7422	24	July 10
Mayer, Philip C	7428	15	July 13
McKinnon, Frank	7435	5	July 16
Morrin, Henry R	7441	6	July 17
McEachren, John W	7448	16	July 24
Miller, Edward C	7451	22	July 26
Marpley, Cady	7454	11	July 27
Most, William	7458	5	July 28
Miller, Stephen H	7460	24	July 31
McCann, Michael E	7465	8	Aug. 4
Morgan, Joseph A	7471	15	Aug. 9
McDowell, Claud	7474	9	Aug. 11
Mahoney, Timothy A	7477	12	Aug. 14
McGrain, John	7478	8	Aug. 16
McKinley, William	7482	15	Aug. 21
McNamara, Michael	7485	21	Aug. 23
Mooney, Thomas	7490	33	Aug. 28
Mastin, Charles T	12108	21	Sept. 16
McHale, Francis J	12115	23	Sept. 22
Miller, Quincy	12124	23	Oct. 5
McDowell, John	12136	12	Oct. 15
Miller, John B	12137	26	Oct. 18
Mulinix, John W	12141	22	Oct. 28
Mahoney, James F	12143	24	Oct. 30
Millett, Alva J	12155	16	Nov. 27
Nicholas, Charles E	7247	5	Mar. 17
Norton, Faulkner I	7294	12	Apr. 20
Normand, Joseph	7299	15	Do.
Neill, Robert H	7434	21	July 15
Odette, Henry	7241	28	Mar. 13
Osgood, Wilkins	7311	16	Apr. 26
O'Connor, Thomas	7432	9	July 15
Ordner, Louis L	7470	21	Aug. 7
Plietz, William F	7201	18	Jan. 2
Pringle, Robert C	7212	13	Jan. 30
Price, Charles R	7215	14	Feb. 8
Pontzier, Frederic	7232	6	Mar. 3
Pate, Robert B	7261	11	Mar. 26
Parker, James E	7296	5	Apr. 20
Popkey, Jacob	7340	12	May 10
Parks, John E	7347	21	May 17
Peters, William	7365	12	May 24
Patterson, James	7384	17	June 8
Parsons, Charles	7391	27	June 14
Peebles, John M	7436	17	July 16
Prince, William H	7444	34	July 22
Passono, Eugene	7491	16	Aug. 30
Pursell, Thomas	7500	9	Sept. 8
Patchin, Almos T	12119	16	Sept. 30
Pomeroy, Clarence	12138	15	Oct. 18
Parker, Henry H	12156	16	Dec. 10
Rogers, Charles	7219	11	Feb. 18
Reeder, Eugene L	7272	12	Apr. 5
Rittman, Christian A	7276	11	Apr. 6
Reilley, John F	7277	12	Apr. 7
Ransom, Burton	7289	12	Apr. 17
Reif, Lewis	7298	26	Apr. 20
Randall, Frank J	7302	14	Apr. 21
Reynolds, George S	7374	14	May 28
Rees, Thomas J	7406	17	June 23
Root, Wesley O	7408	16	June 26
Rice, Charles	7419	24	July 8
Reardon, William J	7440	16	July 17
Reck, Michael	7469	21	Aug. 7
Roson, Charles	7476	19	Aug. 13
Reid, George	7483	18	Aug. 23
Roe, Charles W	7489	14	Aug. 26
Reiff, Charles F	12101	18	Sept. 10
Rainwater, David	12134	22	Oct. 12
Roche, Patrick	12152	30	Nov. 20
Simmerly, Albert N	7209	8	Jan. 25
Smith, Henry	7216	15	Feb. 10
Stein, Adolph J	7217	9	Do.
Swett, George W	7224	21	Feb. 25
Stoeber, Charles L	7230	6	Mar. 2
Chief engineers—Continued.			
Scott, John	7236	8	Mar. 6
Sharpe, Charles A	7245	17	Mar. 16
Steele, Omar N	7248	23	Mar. 17
Seymour, John	7249	7	Mar. 18
Stoddard, Edwin S	7266	7	Mar. 27
Simpson, Robert W	7278	16	Apr. 8
Schwacofer, William T	7279	16	Do.
Schladetsch, Magnus E	7281	5	Apr. 10
Sebastian, Louis H	7288	6	Apr. 15
Scoville, Charles L	7293	32	Apr. 20
Snider, Henry A	7309	18	Apr. 24
Stirling, Frank	7312	9	Apr. 26
Stebbins, Edward A	7320	18	Apr. 29
Shannon, Thomas	7333	16	May 4
Sullivan, William	7352	24	May 18
Stevens, Horace E	7354	17	May 19
Stone, William H	7358	22	May 21
Sullivan, Henry	7360	14	May 22
Spears, James	7369	29	May 26
Stone, Henry	7371	9	May 28
Stein, Fred	7377	20	June 1
Smith, John	7385	18	June 9
Smith, Calvin S	7387	8	June 11
Strong, Nathan J	7400	11	June 19
Salisbury, Edwin A	7402	12	June 22
Stolle, George A	7411	9	June 28
Shepler, Frank	7412	17	Do.
Swain, Perry	7413	18	Do.
Smith, John B	7415	14	July 3
Sturtevant, Maurice B	7420	21	July 8
Steen, William	7423	16	July 12
Smith, John	7430	18	July 14
Stoeber, Frank C	7438	9	July 17
Stoalder, John	7442	21	July 19
Smith, Charles C	7449	11	July 24
Stoddard, Chester M	7450	24	July 26
Savage, James	7456	40	July 27
Saltonstall, George W	7467	20	Aug. 5
Smith, Francis B	7468	18	Aug. 6
Schoeman, William	7492	9	Aug. 30
Sanderson, William	12125	16	Oct. 6
Slater, Charles	12153	16	Nov. 22
Silverwood, Leroy	12154	17	Nov. 26
Tyler, William H	7228	7	Mar. 1
Twohig, James W	7284	16	Apr. 12
Talbot, Henry C	7328	22	May 1
Taylor, James S	7332	14	May 4
Tilton, Henry O	7410	13	June 28
Torrey, Silas	7425	16	July 12
Tyrrell, Edward	12110	15	Sept. 18
Taylor, Michael A	12122	26	Oct. 4
Tilton, Warren G	12131	22	Oct. 9
Underwood, Charles S	12139	24	Oct. 23
Van Dusen, William T	7345	23	May 15
Wilson, George N	7203	16	Jan. 5
Williams, James F	7206	23	Jan. 9
White, Leart	7210	4	Jan. 26
Willows, Charles	7221	9	Feb. 18
Williams, James	7225	9	Feb. 25
Weeks, Lawrence D	7234	7	Mar. 5
Walsh, Charles E	7237	5	Mar. 8
Warner, Addison J	7243	10	Mar. 15
Wheeler, Fred E	7269	8	Apr. 3
Williams, Cassius	7291	20	Apr. 20
Weis, Jacob	7306	27	Apr. 23
Waterburry, George	7330	19	May 3
Wolfe, Henry A	7336	16	May 8
Westfall, David	7342	8	May 10
Welch, William M	7344	18	May 12
Wise, Robert H	7349	22	May 17
Walley, Leander	7350	22	Do.
Wells, Samuel A	7363	39	May 22
Waterfield, Welby C	7407	9	June 25
Walsh, John C	7414	14	July 3
Wetzel, Philip	7461	21	July 31
Weis, Frank N	7464	14	Aug. 4
Winship, Clarence A	7479	19	Aug. 16
Wilcox, Arthur L	7497	21	Sept. 4

Engineers licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers—Continued.			
Weis, Andrew	12109	28	Sept. 16
Walsh, William H	12128	15	Oct. 8
Wheatley, William	12129	3	Do.
Warning, Fred	12132	7	Oct. 9
Zanger, George	7297	16	Apr. 20
Zeitler, Antone	7495	12	Sept. 2
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Aichele, Melchor	7305	14	June 14
Allis, Edwin Z	7383	11	Aug. 27
Burkley, Henry	6110	5	Jan. 21
Beinke, George	6237	7	Apr. 15
Beucher, Henry	7307	15	June 15
Burk, George H	7344	6	July 17
Burk, Robert	7345	4	Do.
Beigh, John L., jr	7374	13	Aug. 16
Brown, Willis	7381	5	Aug. 25
Brooks, Jesse J	7387	8	Sept. 2
Babb, George	8905	12	Oct. 4
Bowler, William	8926	7	Nov. 15
Cain, Edward J	7365	20	Aug. 4
Dalton, Thomas M	6129	1	Feb. 18
Dewhirst, James R	6190	6	Mar. 20
Doyle, Joseph P	6214	5	Apr. 1
Decker, William E	6220	2	Apr. 6
Dailey, George E	7309	9	June 19
Dailey, John	7316	5	June 25
Dodge, Elliott J	7355	12	July 24
Duncan, Charles M	8915	6	Oct. 16
Eaton, Henry	7379	7	Aug. 24
Fifield, Freeman	6211	7	Mar. 30
Field, Robert S	6292	8	June 1
Fifield, Harry D	7329	9	July 8
Fetterly, Stephen	7369	7	Aug. 9
Fessler, Louis	8908	7	Oct. 7
Goodwin, Charles C	6130	7	Feb. 18
Gilboe, Fred	6176	1	Mar. 16
Grow, William B	6219	10	Apr. 6
Goodwin, William H	8906	5	Oct. 4
Hayden, Charles W	6121	11	Feb. 9
Hess, Henry	6142	6	Feb. 25
Irwin, Francis M	6231	14	Apr. 10
Joyce, Martin	7352	14	July 23
Köhler, Robert	6172	13	Mar. 13
Lyons, Thomas	6253	7	Apr. 28
Littlejohn, George H	6300	6	June 7
Mason, Charles E	6182	4	Mar. 18
Masten, Charles	6188	7	Mar. 20
Moyer, Philip	6286	9	May 26
McNutt, James D	7314	15	June 22
McCabe, Maurice C	7391	13	Sept. 8
Madden, Martin	7393	12	Sept. 14
Marks, William	8907	13	Oct. 5
O'Brien, Michael	6222	5	Apr. 6
O'Donnell, John C	7373	2	Aug. 14
Post, James E	6138	5	Feb. 24
Page, John A	6201	8	Mar. 25
Park, James W	6230	5	Apr. 9
Parker, Charles P	6239	8	Apr. 17
Rooney, James, jr	6157	13	Mar. 6
Reinhart, Benjamin H	6258	15	Apr. 30
Robb, John E	7319	5	June 26
Rasmussen, Peter	7342	12	July 17
Reed, Cliffie	7380	7	Aug. 24
Reif, Julius A	8914	1	Oct. 16
Reed, Charles	8920	10	Oct. 23
Skeldon, John E	6107	1	Jan. 19
Sullivan, Robert J	6153	2	Mar. 5
Schaefer, Joseph	6228	15	Apr. 8
Shouwalter, George B	7302	3	June 8
Shaub, Jacob B	7334	8	July 10
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Smith, John S	7377	12	Aug. 19
Stookey, Henry	8904	14	Oct. 4
Smith, Samuel L	8912	6	Oct. 13
Tallman, William H	6262	17	May 1
Upper, Frank J	6186	2	Mar. 20
Webber, John B	6212	12	Mar. 31
Webb, Albert A	6252	4	Apr. 27
Williams, Charles W	6260	7	Apr. 30
Wiel, Olof L	6261	3	Do.
Wilkinson, Benjamin F	6279	11	May 15
Wood, Harvey D	6293	1	June 1
Wilkinson, Frank L	6294	11	June 2
Wright, Jabez	7308	15	June 18
Welch, Patrick	7338	5	July 12
Webber, George G	7376	5	Aug. 19
Washburn, Jerry	7390	11	Sept. 9
First assistant engineers.			
Allen, Melzer W	6132	13	Feb. 19
Allen, George L	6173	5	Mar. 15
Auhl, Wendlin W	6198	6	Mar. 24
Ahern, Patrick J	6280	4	May 15
Atkinson, William	6291	23	May 28
Bechtel, Conrad	6145	4	Feb. 26
Brinker, Theodore J	6150	4	Mar. 3
Brokate, Herman	6155	1	Mar. 6
Brown, David T	6179	1	Mar. 18
Beamer, William D	6185	4	Mar. 19
Butler, Rolla O	6192	3	Mar. 22
Baldwin, Henry	6206	2	Mar. 29
Brown, Franklin W	6207	15	Do.
Ball, Edward	6208	8	Mar. 30
Bowen, Elgin B	6218	8	Apr. 5
Brickley, James A	6223	2	Apr. 7
Barth, William	6243	5	Apr. 20
Benson, Ferdinand F	6244	15	Do.
Bushey, William	6255	16	Apr. 29
Bright, Augustus J	6273	2	May 10
Barr, Frank J	6276	13	May 13
Bowen, Levi	6281	16	May 15
Bell, Elmer E	6298	8	June 3
Bresnahan, Thomas J	6299	10	June 5
Birtrand, Charles L	7306	4	June 14
Byrne, William	7318	19	June 26
Brown, Calvin A	7335	18	July 10
Builder, Joseph	7356	15	July 24
Brown, Gavin A	7359	1	July 27
Broderick, Langhlin D	7368	1	Aug. 9
Bowen, William C	7388	7	Sept. 4
Bishop, William H	7394	15	Sept. 14
Cassidy, Irving W	6114	3	Jan. 27
Conway, David	6141	3	Feb. 25
Courtney, John	6159	1	Mar. 8
Cunningham, William J	6213	7	Apr. 1
Cunningham, William J	6232	3	Apr. 12
Cassady, Bernard	6272	10	May 10
Chambers, Thomas	6277	11	May 15
Cain, Patrick V	6282	5	May 18
Conners, James E	6283	4	May 19
Curby, Joseph F	7326	9	June 30
Connelly, William	7327	10	July 1
Cowley, James	7341	17	July 16
Cook, William E	7349	8	July 20
Coonrod, John B	7350	3	July 21
Costello, Terance	7351	7	July 23
Crane, Herbert C	7360	9	July 28
Crouse, Abram	7389	16	Sept. 8
Chapman, Andrew	8901	4	Oct. 4
Clark, Wilbur F	8911	7	Oct. 11
Clay, James A	8918	11	Oct. 22
Curtis, Albert B	8919	6	Oct. 23
Churchill, John W	8923	4	Nov. 11
Donaldson, David	6113	2	Jan. 25
Droege, Adolph	6137	4	Feb. 24

Engineers licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.			
Dale, Joseph	6144	6	Feb. 26
Downer, George M	6154	5	Mar. 5
Douglass, John W	6168	6	Mar. 12
Donahue, John G	6225	2	Apr. 7
Doyle, Bernard	6229	14	Apr. 9
Dewhirst, Joseph	6257	21	Apr. 30
DeMay, William B	7303	6	June 8
Doller, Edward	7320	9	June 26
Doty, William W	7328	22	July 8
Dundon, Daniel	7347	5	July 20
De Neal, Jackson	7358	13	July 26
Dempsey, Joseph A	7372	2	Aug. 13
Drown, Edson E	7395	9	Sept. 15
Dewey, William H	7396	5	Sept. 17
Deans, George L	8917	7	Oct. 22
Drouillard, George H	8933	6	Dec. 10
Ellsworth, George	6297	20	June 3
Edgar, Clarance W	7330	4	July 8
Flood, Henry	6115	6	Feb. 1
Flewelling, Oscar	6119	6	Feb. 8
Fletcher, John W	6122	1	Feb. 10
Ferguson, Achibald C	6146	1	Feb. 26
Fuhrman, George J	6215	15	Apr. 3
Ferguson, Dugald	6240	15	Apr. 19
Flanagan, Michael	7313	21	June 22
Furman, Lorenzo D	7325	6	June 29
Gardner, George A	6108	1	Jan. 20
Gravell, David	6126	7	Feb. 17
Gens, Fred A	6133	6	Feb. 19
Groundwater, John	6149	2	Mar. 3
Greenman, Watson	6209	15	Mar. 30
Gray, Robert	6217	4	Apr. 5
Guerber, John	6265	13	May 1
Gorey, Edward	6267	19	May 4
Gallagher, Michael J	7339	12	July 14
Greiner, Julius W	7370	1	Aug. 10
Gillespie, George W	7400	5	Sept. 27
Haynes, Harvey S	6103	1	Jan. 7
Heinkelman, John	6120	3	Feb. 8
Harbrecht, William F	6128	6	Feb. 18
Hunt, Leigh A	6134	2	Feb. 20
Harris, William W	6140	4	Feb. 25
Hunter, William H	6160	13	Mar. 9
Harmon, Joseph A	6169	7	Mar. 12
Hurd, James R	6183	4	Mar. 18
Hyde, Arthur	6191	2	Mar. 22
Higgins, Thomas F	6200	5	Mar. 25
Helbing, Edward C	6266	9	May 3
Hunt, Edwin	6287	12	May 26
Harneit, Henry C	6288	7	Do.
Hill, Charles S	6290	10	May 27
Hendricks, Walter	6296	3	June 3
Hart, Frederick E	7304	13	June 11
Haggert, David	7323	18	June 29
Huston, Roy B	7324	2	Do.
Hawver, Lloyd	7354	12	July 24
Haywood, Fred H	7361	6	July 31
Hayes, Edward R	8903	7	Oct. 4
Hineline, Lester L	8921	5	Oct. 23
Hunter, William	8922	16	Oct. 28
Isbester, Harry	6170	3	Mar. 13
Irion, William	7321	9	June 28
Johnson, James	6165	3	Mar. 10
Joyner, Frank	6204	5	Mar. 26
Johnson, Frank W	7322	9	June 28
Kelly, William	6131	8	Feb. 19
Koegele, George F	6171	1	Mar. 13
Kalb, John F	6189	11	Mar. 20
Kelly, Michael J	6195	2	Mar. 23
Kett, Nathan	6199	5	Mar. 24
King, Ralph B	7363	10	Aug. 5
Kinnie, Charles	8931	17	Nov. 30
Lyons, Patrick F	6102	1	Jan. 5
Luehrs, Jasper D	6143	10	Feb. 26
Long, William	6177	11	Mar. 17
Law, James S	6197	10	Mar. 24
Loucks, Milward S	6236	4	Apr. 14
Leonard, Samuel E	6263	11	May 1
La Voo, Lucius W	7398	14	Sept. 23
Meyer, William F	6104	4	Jan. 7
First assistant engineers—continued.			
McElhaney, Edward H	6105	4	Jan. 8
McKenzie, John W	6106	12	Do.
Myers, Marion F	6109	1	Jan. 20
Monto, Frank J	6111	15	Jan. 21
McPhail, Charles A	6117	4	Feb. 3
Miller, Thomas C	6118	5	Feb. 6
Matts, George J	6124	1	Feb. 13
Montgomery, James	6148	11	Mar. 2
McGlenn, James H	6164	6	Mar. 9
McDonough, Michael P	6166	7	Mar. 11
McPhail Gilbert	6174	2	Mar. 15
Meter, William H	6181	5	Mar. 18
Meyers, Joseph	6187	6	Mar. 20
Meikleham, William	6196	9	Mar. 24
McHugh, Peter	6202	9	Mar. 25
McIvor, James	6233	8	Apr. 12
Morrow, Joseph	6241	9	Apr. 19
McFadden, John	6242	5	Do.
Meeker, Ernest	6246	3	Apr. 20
Marshall John B	6247	9	Do.
Mitchell, Martin	6248	4	Apr. 23
Murphy, Thomas	6269	14	May 7
Maxwell, John	6271	2	May 10
Mulcahy, Michael J	6278	3	May 15
Mayberry, Samuel E	6289	7	May 27
Mayberry, William J	7315	5	June 24
Merrell, Harry L	7331	8	July 8
Miller, John L	7336	8	July 10
Monroe, William E	7340	3	July 15
McCormick, Michael	7353	20	July 23
Maher, Patrick J	7357	10	July 24
Miller, Louis F	7364	5	Aug. 3
Morgan, Forest C	7367	8	Aug. 6
Miller, Frank E	7397	15	Sept. 20
Murray, Frank G	8925	16	Nov. 11
McLennan, Donald	8928	3	Nov. 18
Newcomb, William	6224	3	Apr. 7
Nesbitt, William A	7386	3	Sept. 2
Odette, Charles	6135	6	Feb. 23
Oldman, George	6152	3	Mar. 5
O'Connor, Terrance J	7384	2	Aug. 27
Popp, Jay A	6127	1	Feb. 17
Potter, Harry	6227	5	Apr. 8
Prince, Avery E	6254	8	Apr. 29
Pratt, Alfred B	6259	6	Apr. 30
Patterson, Peter A	6284	11	May 22
Prince, Edwin E	7310	14	June 21
Preston, William	7317	17	June 26
Perry, Cyrus C	8902	7	Oct. 4
Peck, Alfred L	8924	9	Nov. 11
Quinlan, John	6151	2	Mar. 4
Quinn, John F	6203	1	Mar. 25
Quick, Philip	7378	15	Aug. 19
Rivers, Peter A	6101	1	Jan. 2
Reilley, William J	6136	6	Feb. 23
Radtke, Herman	6161	9	Mar. 9
Riggin, John H	6167	4	Mar. 12
Ragen, Pat	6184	6	Mar. 19
Rowe, Ernest L	6210	12	Mar. 30
Ray, Benjamin A	6226	2	Apr. 8
Romzick, August	6251	5	Apr. 27
Regan, Lawrence J	6264	2	May 1
Raymer, Stephen A	6274	9	May 11
Reye, Henry	6285	18	May 24
Reimers, Gosch H	7312	5	June 22
Rulison, William	7333	7	July 10
Ramsey, John	7348	18	July 20
Rice, Charles H	7392	4	Sept. 13
Ransom, James	8929	21	Nov. 27
Sanderson, James L	6116	8	Feb. 2
Smith, Melvin C	6123	4	Feb. 11
Schenck, August A	6125	2	Feb. 16
Sayen, Dennis	6139	11	Feb. 24
Shea, James F	6147	15	Feb. 27
Semon, George A	6156	7	Mar. 6
Schenk, Fred. J	6163	8	Mar. 9
Siggens, Alfred G	6180	7	Mar. 18
Steer, Henry W	6193	4	Mar. 22
Sicken, Peter	6221	8	Apr. 6
Schiller, Albert J	6238	5	Apr. 15

Engineers licensed—Cleveland, Ohio—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers—Continued.				*First assistant engineers*—Continued.			
Scherck, Louis	6256	2	Apr. 29	Wood, William	6162	10	Mar. 9
Stakes, Philip	6268	17	May 6	Witter, Harry L	6178	2	Mar. 17
Sawtelle, Arthur J	6270	2	May 8	Walker, Thomas	6194	4	Mar. 23
Slocum, John N	7301	12	June 7	Whiteford, William	6275	12	May 13
Schied, Philip	7311	19	June 21	Winnie, Killian C	6295	8	June 3
Sayen, Frank, jr	7346	19	July 19	Wagner, Oscar	7332	7	July 10
Skeldon, Levi	7362	8	July 31	Wilde, Clarence A	7337	10	July 12
Sammon, John J	7371	7	Aug. 13	Woodruff, Edwin G	7343	5	July 17
Shanteau, Samuel S	7375	6	Aug. 17	Waite, George R	7366	12	Aug. 5
St. John, William F	7399	12	Sept. 23	Wilkinson, George W	7382	17	Aug. 25
Schafranck, Otto B	8909	7	Oct. 8	Wendling, Frank	7385	12	Sept. 1
Shepler, James F	8910	3	Oct. 9	Young, Joseph	6234	6	Apr. 14
Stewart, Willie R	8927	12	Nov. 17	Ziegler, Antony	6216	3	Apr. 5
Smith, Charles M	8930	7	Nov. 30				
Scherer, Henry	8932	6	Dec. 4	*Special engineers.*			
Tebbe, William H	6175	2	Mar. 16				
Tuft, Francis C	6205	9	Mar. 27	Drake, Leslie E	3705	5	June 19
Tuft, William J	6235	9	Apr. 14	Dale, Elmer E	3707	7	July 28
Thompson, Albern M	6249	15	Apr. 24	Gedeohn, James S	3703	5	May 12
Thompson, Lewis V	6250	15	Apr. 26	Hahn, John H	3709	1	Nov. 27
Taylor, James H	8913	7	Oct. 16	Littlejohn, George D	3704	13	June 9
Todd, Joseph D	8916	21	Oct. 21	Lenenberger, Godfrey	3708	2	Aug. 14
Ufford, Lyman	6245	25	Apr. 20	Martin, Ward B	3701	2	Apr. 15
Woodruff, Walter P	6112	1	Jan. 23	Mulinix, Bertie F	3702	8	May 12
Williams, Dorman M	6158	12	Mar. 6	Mason, George L	3706	4	July 15

LOCAL DISTRICT OF BURLINGTON, VT.

Masters licensed during the year ended December 31, 1897—Burlington, Vt.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Baldwin, Edward J	11026	15	Oct. 26	White, Frank G	11019	6	Aug. 6

Masters and pilots licensed during the year ended December 31, 1897—Burlington, Vt.

Arbuckle, Richard	11008	18	June 1	Hawley, Frank J	11015	15	June 26
Aunchman, Joseph L	11020	8	Aug. 27	Joy, George	11009	20	June 1
Bullis, Luther H	11001	1, 16	Apr. 24	Lafountain, Louis	11006	2, 7	May 18
Blodgett, Ephraim W	11012	14, 25	June 7	Latoure, William	11014	12	June 24
Conn, William A	11013	1, 7	June 12	Lafountain, Oliver	11016	8	July 9
Conn, Andrew G	11017	8	July 28	Murray, Antoine	11021	21	Aug. 28
Conn, George	11023	6	Sept. 8	Newton, William	11010	3, 28	June 4
Dionne, Peter	11002	24	Apr. 27	Rockwell, Elwin M	11005	1, 11	May 10
Flinn, William	11022	6	Sept. 6	Rushlow, George	11007	25	May 22
Guerin, Antoine	11003	13	Apr. 30	Sweeney, George N	11004	15	May 7
Green, Rufus L	11018	3, 10	July 31	Sawyer, Bernard	11011	17	June 7
Gooley, David	11025	13	Sept. 16	Smith, Thomas J	11024	1, 2	Sept. 8

Pilots licensed during the year ended December 31, 1897—Burlington, Vt.

First-class pilots.				*First-class pilots*—Continued.			
Blow, Moses	4708	8	June 24	Paraso, Lewis	4722	3	Nov. 15
Bridge, Peter	4711	7	July 10	Rockwell, Ell. B	4701	33	Apr. 24
Belden, Gardner F	4721	9	Sept. 17	Rockwell, Edwin R	4702	20	May 15
Denel, William E	4710	12	July 6	Rockwell, E. Menton	4709	4	July 6
Flewry, Frank	4714	8	July 28	Rushlow, John	4712	3	July 17
Knowlton, Moses A	4706	8	June 23	Rockwell, William W	4716	26	Aug. 4
Knowlton, Harry H	4720	8	Sept. 16	Rockwell, Wesley M	4718	9	Aug. 24
Murray, Oliver	4704	21	May 31	Shambo, Harrison C	4717	8	Aug. 21
Macomber, Samuel M	4719	6	Aug. 26	Townsend, Patrick H	4705	11	June 1
Provost, Lewis N	4703	6	May 15	Tremble, John S	4715	13	July 31
Peria, Allen H	4713	15	July 24	Weatherwax, Isaac J	4707	10	June 24

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed—Burlington, Vt.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots.			
Baker, William A	4713	5	July 10
Bullis, James E	4716	3	July 28
Benjamin, Julio B	4721	6	Aug. 21
Bullis, David D	4726	5	Oct. 23
Bridge, Charles	4727	1	Oct. 25
Couger, Warren W	4722	8	Sept. 8
Daniels, Philmona A	4703	11	June 1
Daniels, Lewis	4704	19	Do.
Daniels, Mitchell H	4705	7	Do.
Darrow, Bertram E	4725	10	Oct. 19
Flewry, Joseph R	4720	5	Aug. 18
Kane, Henry A	4723	7	Sept. 8
Lapell, Frank D	4710	7	June 26
Manzer, William F	4709	3	Do.
Peck, Newton D	4712	7	July 7
Ritchie, George W	4706	1	June 4
Second-class pilots—Continued.			
Roberts, Philip	4708	8	June 24
Townsend, John	4702	2	May 22
Weatherwax, Thos. E	4701	6	May 1
Weatherwax, Martin E	4707	4	June 7
Wilcox, Watson E	4711	7	July 10
Wilcox, Willard G	4714	12	July 13
Special pilots.			
Hammond, Edwin J	4728	7	Nov. 6
Mooney, Morton H	4719	3	Aug. 17
Martin, Zeb	4724	5	Sept. 27
Presbrey, Sarah H	4715	8	July 19
Richardson, Charles E	4718	2	July 31
Terrey, George E	4717	6	July 28

Joint pilots and engineers licensed during the year ended December 31, 1897—Burlington, Vt.

Bissell, Randall M	1755	6	July 1
Barrett, Julius	1760	3	July 16
Benton, Leicester F	1766	7	Aug. 7
Broomhall, William	1768	3	Aug. 13
Bronner, Charles	1771	4	Oct. 1
Dalrymple, George H	1754	1	June 25
Griswold, David C	1765	2	Aug. 7
Hoag, Thomas	1751	1	May 21
Hitchcock, Cassins M	1758	2	July 13
Holbrook, William B	1770	3	Sept. 11
Hale, Allen L	1772	2	Oct. 15
Leslie, Joseph C	1756	7	July 1
Marron, Owen	1753	1	June 24
Miller, John E	1763	2	July 28
Miller, Seth O	1764	6	July 31
Nichols, Albert	1752	1	June 9
Papineau, Solomon	1757	7	July 8
Presbrey, Oliver S	1761	6	July 19
Perkins, Benn. B	1762	3	July 27
Schwartz, Charles W	1767	4	Aug. 13
Van Schaick, Albert G	1769	2	Aug. 21
Williams, Judd. A	1759	3	July 13

Engineers licensed during the year ended December 31, 1897—Burlington, Vt.

Chief engineers.			
Arquette, Joseph	11510	11	Apr. 27
Blair, Peter	11516	25	June 14
Brau, Joseph	11518	5	June 17
Cole, Fred	11511	8	Apr. 27
Dionne, Peter	11504	7	Do.
Dood, Joseph	11512	7	May 4
Dagne, Clement	11515	24	June 5
Derome, Roger	11522	4	Aug. 7
Dougherty, James	11525	15	Sept. 25
Farant, Peter	11513	22	May 22
Fromm, Henry A., jr	11523	7	Sept. 14
Gordon, Edward	11505	14	Apr. 27
Goyette, George	11506	7	Do.
Goyette, John	11507	7	Do.
Goyette, Arthur	11508	9	Do.
Goyette, Joseph	11509	20	Do.
Laware, Samuel	11524	16	Sept. 16
Matte, Peter	11517	18	June 16
McDonald, John	11519	6	July 10
Prefountain, George G	11501	6	Apr. 3
Peria, Henry A	11502	7	Apr. 5
Peria, Edward	11503	25	Apr. 24
Patnode, Joseph	11514	16	May 22
Peria, Allen H	11521	8	July 24
Young, William	11520	7	July 14
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Breeyer, Henry W	6006	5	May 29
Baker, William A	6014	8	July 10
Barr, Allen H	6021	11	Sept. 1
Daniels, Mitchell H	6007	10	June 1
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Daniels, Fred L	6008	12	June 1
Daniels, Lewis	6009	17	Do.
Flagg, Will H	6011	16	July 2
Herrick, Wesley	6002	5	Apr. 21
Moony, Elias	6017	6	July 17
Macomber, Samuel M	6020	6	Aug. 26
Olds, E. Everett	6018	7	July 29
Pecot, Peter	6019	10	Aug. 7
Stafford, Ira C	6024	4	Sept. 16
Value, William	6010	8	June 26
First assistant engineers.			
Bissette, Philias	6004	4	May 6
Durnin, John	6012	3	July 2
Drogue, Ludger	6013	2	July 8
Laclair, Ben	6001	1	Apr. 15
Laundry, William H	6015	6	July 14
Trembley, Edward	6025	2	Nov. 5
Second assistant engineers.			
Archambault, Edward	6022	6	Sept. 8
King, Peter	6016	4	July 14
La Clair, Antoine	6023	3	Sept. 14
Matte, Peter H	6003	2	Apr. 27
Rabitaille, Hypalite	6005	7	May 8
Special engineers.			
Breed, Dale L	3607	6	July 17
Bent, Charles H	3613	8	July 31
Blanchard, George H	3614	1	Do.

Engineers licensed—Burlington, Vt.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special engineers—Continued.				*Special engineers*—Continued.			
Bump, John	3617	8	Sept. 16	Medor, Charles	3608	5	July 24
Forkey, William H	3615	7	Aug. 9	Mead, Ed A	3611	14	July 31
Fisher, Ashton H	3619	1	Oct. 14	Miller, Charles T	3612	7	Do.
Hamel, Peter	3604	11	June 7	Martin, Zeb	3618	15	Sept. 27
Hayes, Dennis	3606	6	July 7	Rood, George E	3601	3	May 4
Ives, Samuel B	3605	17	June 17	Richardson, Charles E	3610	2	July 31
Jewett, Jesse B	3603	3	June 2	Rogers, Willett E	3616	3	Sept. 16
Laraby, George	3602	3	May 11	Terry, Simeon	3609	4	July 28

LOCAL DISTRICT OF OSWEGO, N. Y.

Masters licensed during the year ended December 31, 1897—Oswego, N. Y.

Name.	No. of license.	No. of issue.*	Date of issue.	Name.	No. of license.	No. of issue.*	Date of issue.
Anderson, Samuel V	10902	10	Feb. 27	Leonard, Thomas	10931	28	Apr. 15
Andrews, William F	10925	6	Apr. 8	Langan, James	10936	6	Apr. 19
Allen, James F	10957	1, 13	June 12	Leonard, William	10972	28	July 15
Atkinson, George	10964	14	July 1	Lyon, David H	10977	17	July 22
Bishop, Ira	10912	33	Mar. 23	Lovelace, Joseph	10995	10	Sept. 11
Bough, Charles	10915	7	Mar. 24	Massey, John	10905	7	Mar. 12
Boyce, Hawley M	10928	8	Apr. 14	McDowell, John L	10920	12	Mar. 31
Bovard, John	10932	19	Apr. 15	Murphy, Daniel	10933	26	Apr. 16
Burleigh, David S	10970	5	July 14	McGrath, Patrick J	10941	10	Apr. 22
Borland, James T	10983	16	July 30	Miller, Andrew H	10948	13	May 21
Bertrand, Edward	10985	21	Aug. 13	Martin, John J	10955	1	June 7
Brown, Harvey	10989	34	Aug. 1	McCauley, Henry	10958	14	June 23
Brown, George R	13301	2, 8	Oct. 25	Mullin, Thomas	10967	25	July 2
Becker, Calvin H	13302	7	Oct. 7	Millen, Abner D	10978	15	July 22
Cole, Lucius C	10914	11	Mar. 24	Manwarring, Hiram C	10980	33	July 26
Capron, Charles	10916	7	Mar. 27	Morley, Martin H	13311	18	Dec. 21
Cline, Sidney A	10926	19	Apr. 13	Montague, Arthur	13312	1, 9	Dec. 23
Christenson, Peter	10930	16	Apr. 14	Normand, James E	10929	15	Apr. 14
Clifford, George	10942	8	Apr. 22	Norton, Charles E	13308	22	Nov. 6
Clark, Mitchell H	10949	1, 12	May 22	O'Neil, Frank	10976	14	July 22
Charlebois, Alphonso	10950	15	May 30	Preston, John R	10906	14	Mar. 15
Cline, John E	10981	28	July 28	Plumb, William H	10935	1, 14	Apr. 17
Cook, Elwin M	10984	15	Aug. 10	Pappa, James	10939	25	Apr. 20
De Beau, Charles	10909	14	Mar. 19	Perry, Albert N	10952	12	June 2
Daniels, Charles H	10910	12	Mar. 23	Plumb, Lewis R	10979	21	July 26
Doville, Henry	10956	13	June 12	Phelps, Frank	10986	3	Aug. 20
Davis, John A	10971	20	July 14	Powers, Edward	11000	24	Oct. 2
Derian, Lewis	10990	15	Aug. 21	Quigley, John	10946	11	May 4
Daly, William J	10996	12	Sept. 17	Richardson, William A	10904	15	Mar. 4
Doville, Charles T	13304	11	Oct. 14	Richards, George A	10908	10	Mar. 17
Ferris, Charles W	10953	31	June 2	Russell, William A	10927	15	Apr. 13
Forrester, Erastus F	10962	21	June 29	Ripsom, Charles H	10938	5	Apr. 19
Fox, James	10988	18	Aug. 20	Richardson, Charles A	10973	23	July 15
Field, Warren H	10997	13	Sept. 25	Rees, Chester W	10975	19	July 19
Ferris, George N	13305	6	Oct. 18	Read, Dyer C	10982	17	July 30
Fitz Gerald, Richard	13307	30	Nov. 2	Richard, Joseph	10991	31	Sept. 2
Griffin, William	10907	11	Mar. 15	Reed, Sardis A	10993	13	Sept. 7
Goodrich, John W	10940	1, 10	Apr. 22	Spence, William	10919	1, 8	Mar. 31
Gouid, J. Howard	10963	20	July 1	Shay, William	10934	27	Apr. 16
Hollenbeck, Delos E	10901	13	Jan. 13	Sheley, William W	10937	8	Apr. 19
Hourigan, Daniel	10913	13	Mar. 23	Shay, Edward B	10960	11	June 26
Hurley, John	10917	10	Mar. 29	Sylvain, Peter	10966	11	July 2
Higgins, Martin	10918	10	Do.	Slate, Chester D	10994	14	Sept. 10
Hourigan, Mathew	10924	10	Apr. 6	Saunders, Joseph	10998	15	Sept. 29
Hallock, Arthur S	10947	8	May 21	Stalker, Duncan	13309	13	Nov. 8
Hudson, William C	10954	17	June 2	Sheley, George	13310	7	Dec. 2
Holland, Michael M	10959	10	June 23	Tower, John	10922	5	Apr. 3
Hinckley, Coleman	10992	7	Sept. 3	Taylor, James	10943	5	Apr. 30
Hanna, David	13306	20	Oct. 19	Talbot, George E	10999	15	Oct. 1
Joyce, Thomas J	10911	1, 10	Mar. 23	Visger, Harmonius W	10961	16	June 28
Kendall, Aldridge	10944	18	May 3	Visger, Walter L	10965	9	July 1
Kerr, John W	10945	1, 11	May 4	Visger, Elisha W	10987	18	Aug. 20
Kendall, Eli	10968	15	July 10	Wilson, James G	10903	5	Mar. 4
Keeler, Edwin S	10974	19	July 17	Wickham, Frederick C	10951	12	May 30
Lennox, William	10921	11	Apr. 1	Westcott, Wilson H	10969	21	July 10
Lynch, Michael T	10923	17	Apr. 5	Wait, William	13303	27	Oct. 11

* Number of issue of current grade and the number of issues of all grades.

Pilots licensed during the year ended December 31, 1897—Oswego, N. Y.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Andrews, Frank M	4615	15	Mar. 27
Annal, John C	4625	7	Apr. 26
Bracken, Thomas	4605	8	Feb. 23
Boyce, Clark S	4618	3	Apr. 5
Baltes, John J	4619	21	Apr. 7
Booker, William	4641	12	July 19
Bain, Charles P	4658	8	Oct. 15
Byrne, James	4660	24	Nov. 2
Cuppernall, Ira	4654	4	Sept. 9
Doyle, Edward	4607	7	Mar. 12
Denner, James H	4610	5	Mar. 19
Deryau, Henry	4642	16	July 28
Dana, Francis	4651	15	Aug. 27
Denner, Charles E	4659	14	Oct. 19
Ellis, Edward	4629	7	June 2
Ellis, Jasper	4655	16	Sept. 21
Gibson, James	4603	2	Feb. 5
Gleason, Ralph W	4608	7	Mar. 16
Griffin, Sidney	4639	15	July 14
Griffin, Charles C	4648	16	Aug. 13
Gallagher, John	4653	8	Sept. 3
Hamill, Michael	4606	5	Feb. 27
Halloran, John	4611	9	Mar. 23
Hughes, Patrick	4612	10	Do.
Hourigan, Philip	4613	9	Mar. 27
Hurley, Patrick	4614	8	Do.
Howard, Clarence N	4616	5	Do.
Hogan, Patrick	4634	12	June 29
Hudson, Chester L	4638	13	July 12
Hoadley, John	4645	18	July 30
Hoadley, Thomas	4647	16	Aug. 8
Hayden, William B	4650	15	Aug. 24
Johnston, Henry S	4635	14	June 29
Klock, Everett	4602	5	Feb. 5
Kendall, Frank	4644	15	July 30
Lennox, Joseph	4649	13	Aug. 13
Murphy, John F	4631	13	June 21
McCord, James	4632	18	Do.
Marshall, Millard R	4636	10	July 1
Monarch, Frederick	4652	11	Aug. 30
Nutting, Ralph H	4601	2	Jan. 13
Percy, Sidney S	4630	11	June 2
Rattray, James W	4643	15	July 30
Smith, William A	4609	13	Mar. 18
Scott, William J	4621	17	Apr. 15
Story, William J	4623	10	Apr. 22
Story, William F	4628	17	May 11
Spencer, William W	4656	8	Sept. 29
Signor, Gus	4657	11	Oct. 2
Smith, John	4661	8	Nov. 3
Thompson, David	4604	9	Feb. 15
Whitney, Edward O	4617	5	Apr. 3
Woods, Thomas	4620	14	Apr. 15
Webber, Henry E	4624	9	Apr. 24
Williams, George	4626	11	Apr. 30
Williams, Frank	4627	12	May 5
Winmill, William	4633	9	June 28
Wells, Charles	4637	9	July 1
Webber, Henry	4640	16	July 16
Wagoner, David	4646	17	Aug. 4
Wright, Charles	4662	18	Dec. 7
Yeckley, George A	4622	10	Apr. 19
Second-class pilots.			
Austen, Frederick	4630	3	Apr. 19
Bunnell, Reuben A	4621	5	Mar. 30
Buys, Henry	4632	20	Apr. 24
Baltes, Peter J	4636	11	May 3
Burtch, Chauncey E	4669	8	July 12
Bolton, John N	4676	14	July 16
Benson, Gifford	4680	15	July 22
Bell, John J	4683	3	July 28
Brown, William H	4687	6	Aug. 3
Burtch, Willard S	4696	9	Aug. 14
Bradford, Henry	6802	15	Aug. 20
Coad, George B	4607	2	Feb. 8
Comstock, John M	4647	10	June 12
Second-class pilots—Continued.			
Crouch, Wilbur	4652	6	June 21
Comstock, Thomas H	4658	16	June 28
Clooney, Michael	4662	4	July 1
Collins, Thomas H	4692	9	Aug. 8
Charlebois, Eli	4699	6	Aug. 20
Cuppernall, William C	6811	15	Sept. 1
Crimmins, Thomas	6815	13	Sept. 7
Connelly, John A	6827	8	Oct. 28
Dodds, John H	4608	1	Feb. 11
Donovan, Jerome E	4624	4	Apr. 3
Dingman, Robert E	4633	1	Apr. 28
Duclon, Andrew C	4650	16	June 21
Doyle, Edward	4660	8	June 29
Dingman, John H	4663	16	July 1
Duclon, Daniel	6809	15	Aug. 27
Desmore, Franklin D	6826	3	Oct. 12
Desmore, Frank	6829	6	Oct. 28
Elliott, Harvey	6817	11	Sept. 8
Evans, Manville W	6818	1	Sept. 11
Fobes, William M	4611	1	Mar. 1
Fleming, George P	4686	10	July 30
Flanders, Willie J	4689	1	Aug. 5
Fagan, John	4607	5	Aug. 20
Fleming, Philip	6805	5	Aug. 23
Forrester, George S	6813	11	Sept. 2
Gallagher, Frank	4634	7	May 3
Griffin, Henry H	4659	11	June 28
Griffin, Stephen	4664	15	July 2
Gardner, Willard D	6814	14	Sept. 3
Heagerty, Timothy	4609	6	Feb. 20
Hanley, Frank	4614	6	Mar. 11
Hart, Lawrence M	4615	7	Mar. 12
Heagerty, John	4618	13	Mar. 22
Hatch, John W	4631	9	Apr. 23
Hart, Morgan P	4635	9	May 3
Hunt, Cornelius H	4661	11	June 29
Hart, Patrick	4684	24	July 28
Hulse, Charles E	6828	2	Oct. 28
Hungerford, De Witt	6832	2	Nov. 17
Joyner, Fred	4645	2	June 5
Kendall, Charles H	6810	4	Aug. 28
Leonard, Michael A	4628	2	Apr. 15
Lafleur, Henry	4653	8	June 21
Longton, John S	4694	8	Aug. 8
Maloney, Edward	4610	1	Feb. 26
McClary, John	4616	5	Mar. 12
McGuire, Thomas	4619	10	Mar. 23
McCord, Joseph	4627	2	Apr. 14
Martin, Robert J	4644	5	June 3
Marshall, Maurice A	4670	13	July 12
Miller, Silas W	6801	12	Aug. 20
Melody, James	6807	13	Aug. 24
McDonald, Alexander	6833	13	Dec. 14
Nash, James B	4646	12	June 12
Nunn, Joshua M	6821	17	Sept. 18
Porter, Charles G	4656	6	June 23
Russell, Herbert M	4604	3	Feb. 3
Rusco, Frederick A	4626	9	Apr. 7
Robbins, Edmund M	4673	20	July 14
Robbins, George M	4677	8	July 19
Robbins, Eldridge G	4693	13	Aug. 8
Reardon, Timothy	4695	8	Aug. 13
Root, Walter A	6808	10	Aug. 27
Reardon, Cornelius	6819	12	Sept. 13
Seeley, William A	4601	7	Jan. 20
Smith, Wallace E	4666	13	July 12
Slate, William	6820	5	Sept. 16
Smith, Silas A	6824	8	Sept. 28
Scott, William	6831	5	Nov. 4
Vincent, Elmer D	4617	8	Mar. 20
Vorce, Aubrey D	4620	1	Mar. 27
Von Dreeser, Milton	4649	11	June 14
Williams, Marshall B	4602	2	Jan. 21
White, Harry M	4623	2	Apr. 1
Whalen, Cornelius	4629	2	Apr. 24
Weller, Charles F	4655	10	June 26
Wells, Starr S	4657	11	June 23
Weller, George	4682	12	July 18

Pilots licensed—Oswego, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.				*Special pilots*—Cont'd.			
Wenburne, William H.	4698	5	Aug. 20	Hurley, Charles	6816	8	Sept. 8
Wagoner, Edgar G	6804	17	Aug. 23	Hyde, Henry N	6822	11	Sept. 25
Woods, John D	6823	5	Sept. 28	Igoe, Edward J	4640	10	May 31
Wilson, Alexander	6830	3	Nov. 2	Laflenr, Charles	4606	8	Feb. 8
				Leyare, Andrew A	4654	6	June 23
Special pilots.				Lewis, Marie B	4667	7	July 12
				Landon, William N	4700	5	Aug. 20
Allen, William D	4671	7	July 14	Leaty, Frederick	6812	7	Sept. 1
Brewer, William H	4642	4	June 2	Massey, William B	4641	5	June 2
Becker, Walter	6825	7	Oct. 7	Nunn, William U	4691	6	Aug. 5
Connell, Jeremiah, jr	4605	1	Feb. 4	Rees, William H	6803	7	Aug. 21
Connors, John H	4613	4	Mar. 8	Smith, Andrew J	4612	2	Mar. 3
Comstock, Fred	4622	1	Mar. 31	Scott, John	4638	4	May 30
Clark, Alson E	4679	6	July 22	Smith, Peter	4643	5	June 2
Chamberlain, Fred'k W.	4688	6	Aug. 3	Snyder, Edward G	4651	2	June 21
Davis, Willard	4639	5	May 31	Snyder, George W	4668	5	July 12
Davis, Luther G	4681	5	July 22	Snyder, Edward G	4672	6	July 14
Estes, Byron J	6806	7	Aug. 23	Taylor, James A	4685	9	July 30
Flanders, John H	4625	8	Apr. 6	Vetter, August, jr	4665	6	July 3
Field, Alvin H	4675	3	July 16	Watkins, Jared E	4637	1	May 12
Gough, Edward	4603	5	Jan. 29	Wagoner, Jacob P	4648	4	June 12
Gardner, George L	4690	5	Aug. 5	Wagoner, George S	4678	9	July 22
Hunt, Fitz M	4674	5	July 14				

Joint pilots and engineers licensed during the year ended December 31, 1897—Oswego, N. Y.

Bellinger, George	1702	6	Apr. 10	Lord, Charles N	1709	3	July 26
Briggs, Walter	1714	3	Sept. 1	Loebs, Fred C	1716	5	Sept. 21
Cunningham, John T	1710	3	July 28	Porte, Albert R	1707	5	July 22
Chandler, Herbert G	1713	7	Aug. 20	Rogers, Samuel	1704	1	June 2
Crawe, J. Mortimer, jr.	1715	6	Sept. 8	Smith, D. F	1701	2	Jan. 26
Doyle, Peter H	1703	4	Apr. 12	Saxe, Willard E	1708	6	July 22
Hall, George H	1712	3	July 31	Taylor, James A	1711	6	July 30
Lord, Morris S	1706	4	July 22	Wilder, Frank S	1705	1	June 29

Engineers licensed during the year ended December 31, 1897—Oswego, N. Y.

Chief engineers (inland).				*Chief engineers (inland)*—Continued.			
Axtell, Spencer T	11437	21	Sept. 11	Lewis, John E	11403	4	Mar. 12
Bradway, Edward W	11420	18	June 23	Leight, Philip	11412	11	May 7
Bowley, John	11429	7	Aug. 3	Lesperence, John	11435	23	Aug. 23
Bishop, William H	11436	29	Sept. 1	McNamara, Richard	11417	18	June 2
Bascom, William T	11440	16	Sept. 16	Munro, David W	11425	5	July 3
Chestnut, Robert, jr	11405	14	Mar. 27	McCarten, Charles	11434	11	Aug. 20
Cronley, Robert	11416	12	May 31	Nash, Russel K	11449	16	Dec. 6
Cline, Albert E	11428	22	Aug. 3	Parker, Frank D	11419	19	June 23
Carter, John D	11433	20	Aug. 20	Perkins, Pardon T	11427	7	July 26
Calcott, William W	11447	16	Nov. 10	Rouse, Isaac	11411	11	May 5
Doyle, Daniel M	11407	29	Apr. 15	Sinnamon, David	11401	10	Jan. 14
Dickson, John H	11413	26	May 22	Tomlinson, John	11406	26	Apr. 14
Derry, William H	11431	14	Aug. 20	Thompson, Samuel	11410	34	Apr. 23
Duquette, John	11448	31	Dec. 1	Trickey, Henry C	11438	20	Sept. 13
Ellis, Jasper	11441	23	Sept. 22	Wise, William	11409	27	Apr. 16
Farrel, Barney T	11404	5	Mar. 12	Woods, Joseph	11422	19	June 28
Fitzgerald, John F	11408	16	Apr. 16	Wood, John	11424	29	July 1
Field, Dewit C	11423	13	July 1	White, Charles	11426	16	July 22
Fox, James	11432	15	Aug. 20				
Gillie, James	11414	7	May 22	*Engineers in charge of steamers of 100 tons and under, and over 10 tons.*			
Graves, Abram J	11415	16	May 31				
Gale, Frederick	11421	16	June 24				
Grady, Thomas	11439	14	Sept. 13				
Goodheart, Hugh	11442	11	Sept. 29				
Houghton, Albert D	11402	15	Feb. 12	Axtell, Freeman G	5915	2	Mar. 27
Hoffman, Frank	11418	18	June 21	Belden, Herbert J	5928	7	Apr. 24
Hammond, Irvin D	11430	4	Aug. 4	Bright, Charles W	5937	6	June 12
Higgins, Harris	11443	25	Oct. 7	Byrne, Albert	5941	15	Do.
Hanna, David	11445	17	Oct. 19	Brown, William J	5980	6	Sept. 2
Hess, Earl A	11446	15	Nov. 3	Bailey, William C	5988	16	Oct. 25
Jarred, John	11444	11	Oct. 9	Brown, Alonzo H	5998	12	Dec. 21

Engineers licensed—Oswego, N. Y.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Cross, George, jr	5902	3	Jan. 25
Cerow, Henry J	5908	1	Mar. 8
Connell, John	5920	4	Mar. 30
Cline, George M	5927	18	Apr. 22
Cunningham, Andrew	5935	5	June 2
Capron, Frank	5950	8	July 3
Carter, Charles M	5955	13	July 15
Cole, Frederick	5961	11	Aug. 6
Cook, Elwin M	5962	15	Aug. 10
Conliff, James	5965	11	Aug. 20
Cline, Orvill W	5967	22	Do.
Carter, Henry C	5972	11	Aug. 23
Cline, Clayton E	5977	13	Sept. 1
Cochrane, Joseph B	5981	13	Sept. 8
Dougherty, Peter	5918	15	Mar. 29
Dorsey, Thomas	5934	10	May 31
Draper, William H	5949	14	July 1
Denney, Joseph	5952	4	July 10
Doane, Hiram E	5958	9	July 19
Day, George	5983	14	Sept. 20
Dana, John F	5995	7	Nov. 23
Dunham, William H	5997	17	Dec. 20
Elmore, Alonzo	5959	16	July 22
Forrester, Eben A	5905	14	Feb. 27
Farrell, John A	5933	7	May 31
Farrell, Daniel W	5960	16	July 26
Francis, John B	5984	13	Sept. 25
Garlock, John	5940	15	June 12
Gallagher, Henry	5970	18	Aug. 20
Graves, Alfred P	5974	15	Aug. 24
Gordon, Michael	5989	15	Oct. 25
Holloway, Fred N	5921	18	Apr. 10
Hollarn, Frank	5923	15	Apr. 13
Hemenway, William D	5975	13	Sept. 1
Hammond, George W	5978	7	Do.
Hall, George H	5990	4	Oct. 25
Jerard, Clark W	5942	15	June 14
Jardin, Rolla G	5985	9	Oct. 4
Keeler, Edwin S	5904	17	Feb. 27
Keliher, Thomas J	5943	9	June 23
Knight, Cornelius P	5954	11	July 15
Kenyon, Lewis A	5986	13	Oct. 12
Lovely, Henry	5926	16	Apr. 21
Leffur, Henry W	5938	16	June 12
Lincoln, John	5944	14	June 23
Lesperence, Alexander	5947	16	June 28
Lesperence, George	5964	20	Aug. 14
Lewis, Henry A	5969	11	Aug. 20
McWilliams, Lorenzo D	5901	14	Jan. 4
Morford, William R	5906	4	Mar. 3
Marshall, James E	5966	21	Aug. 20
Miller, Silas W	5971	14	Do.
Navagh, Thomas	5916	13	Mar. 27
Parker, James A	5939	8	June 12
Rogers, William E	5911	8	Mar. 12
Reed, George H	5914	2	Mar. 25
Rega, John A	5936	12	June 3
Skinner, Nelson E	5903	14	Feb. 13
Sampson, Charles P	5912	2	Feb. 15
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Sanger, Richard H	5913	14	Mar. 25
Smith, James O	5932	3	May 31
Slate, Chester D	5948	13	June 29
Scott, William	5951	17	July 6
Smith, Wallace E	5953	15	July 12
Schollenberg, Charles	5957	12	July 17
Simons, Charles R	5963	15	Aug. 11
Steel, John L	5968	15	Aug. 20
Stephen, James A	5982	14	Sept. 20
Shorrow, Joseph	5987	18	Oct. 14
Stowell, Fred	5996	7	Dec. 16
Thomson, James	5907	4	Mar. 4
Thompson, John	5992	25	Nov. 6
Vallance, Robert	5919	13	Mar. 29
Vallance, William	5922	12	Apr. 13
Visger, Harmonius W	5994	17	Nov. 16
Willard, George E	5929	1	May 11
Williams, John K	5930	11	Do.
Woodworth, Fred	5931	7	May 24
Wood, Charles A	5945	11	June 23
Wells, Starr S	5946	14	June 24
Wagoner, Walter	5956	12	July 17
Ward, Fred	5973	15	Aug. 24
Woods, Henry	5976	18	Sept. 1
Waite, Albert H	5979	14	Do.
First assistant engineers.			
Burns, Patrick	5924	6	Apr. 14
Donovan, James	5909	3	Mar. 9
Dungan, James	5917	2	Mar. 29
Findlay, William T	5993	5	Nov. 15
Fenson, Samuel	5999	1	Dec. 24
Hyatt, Elijah L	5926	5	Apr. 15
Noble, James	5910	3	Mar. 11
Second assistant engineer.			
Brown, Marshall G	5991	3	Nov. 3
Special engineers.			
Burdick, Frank B	3503	2	Apr. 9
Buskey, Henry	3505	7	Apr. 19
Brown, George R	3513	1	Oct. 5
Becker, William M	3514	7	Oct. 7
Cullep, Samuel W	3506	5	June 28
Fuller, John T	3511	3	Aug. 20
Gardner, Warren D	3510	5	Aug. 5
Grimm, Jay H	3512	1	Aug. 23
Lewis, Mortimer G	3508	7	July 10
Leach, Charles E	3509	3	July 30
Potter, Ephraim P	3504	2	Apr. 10
Randall, Bert E	3502	3	Mar. 27
Seymour, William	3501	9	Jan. 29
Vetter, Oscar	3507	6	July 3

TENTH SUPERVISING DISTRICT.

LOCAL DISTRICT OF NEW ORLEANS, LA.

Masters licensed during the year ended December 31, 1897—New Orleans, La.

Name.	No. of license.	No. of issue.	Date of issue.
Armstrong, W. D	7286	4	Feb. 15
Alexander, T. M	7349	10	Mar. 27
Ames, Fred	7545	8	July 17
Allen, R. W	7618	17	Sept. 9
Applegate, Wm	7689	12	Oct. 27
Bergeron, J. C	7221	14	Jan. 12
Blanchard, O	7245	4	Jan. 23
Bachino, C. J	7246	6	Do.
Berry, J. G	7252	3	Jan. 26
Brinker, H. J	7283	24	Feb. 13
Barrios, Huma	7325	13	Mar. 19
Benson, George	7383	10	Apr. 13
Burgoyne, J. M	7396	6	Apr. 22
Brown, Chas	7400	7	Apr. 23
Blanchard, E. J	7444	10	May 17
Brinker, H. J., jr	7447	1	May 19
Burns, John	7456	3	May 24
Bisso, W. A	7478	4	June 8
Boazman, H. C	7485	16	June 12
Bryant, S. A	7488	18	June 14
Bell, John	7506	15	June 22
Bergeron, Felix	7547	1	July 19
Barrow, Eugene	7659	6	Oct. 4
Bowman, W. J	7660	3	Do.
Beck, Frank	7692	17	Nov. 12
Burke, Tobias	7720	9	Nov. 19
Comeaux, E. J	7243	15	Jan. 22
Challoner, W. L	7254	9	Jan. 26
Comeneaux, D	7410	17	Apr. 28
Cothell, Alex	7411	2	Do.
Cassidy, W. C	7423	1	May 4
Carbine, M	7461	11	May 27
Cappelen, J. O	7481	8	June 8
Coffin, C. W	7499	7	June 17
Charlet, E. M	7532	3	July 5
Colombo, B	7551	8	July 21
Cramer, T. E	7559	10	July 27
Caulfield, D. O	7601	11	Sept. 1
Comeaux, R. J	7667	4	Oct. 14
Cellos, F. V	7669	16	Oct. 15
Campbell, Wm	7673	26	Oct. 16
Curtis, J. E	7679	7	Oct. 20
Charlet, P. A	7681	20	Oct. 23
Carlton, J. W., jr	7730	4	Nov. 24
Daunals, D. D	7259	20	Jan. 29
De Viard, F. T	7490	14	June 14
Doherty, John	7516	11	June 26
Dillon, W. F	7549	14	July 19
Dowty, M. L	7614	2	Sept. 2
Demaris, Jos	7650	1	Sept. 27
Duke, W. A	7653	8	Sept. 29
Delahoussaye, L. P., jr	7691	4	Oct. 30
Dodd, J. J	7720	20	Dec. 21
Entriken, V. G	7438	12	May 13
Elfbein, Robt	7632	4	Sept. 15
Foley, Michael	7219	11	Jan. 11
Francis, M. W	7431	18	May 10
Fuller, H. L	7674	4	Oct. 16
Grivot, A	7280	11	Feb. 11
Gallagher, Pat	7561	8	July 27
Griffiths, E	7604	1	Sept. 2
Hibbert, John	7247	8	Jan. 25
Harris, G. U	7371	6	Apr. 8
Hopner, Wm	7463	9	May 28
Hanna, J. S	7533	11	July 5
Higbee, H. R	7706	5	Nov. 10
Hine, C. T	7727	6	Nov. 22
Harms, C. R	7734	1	Nov. 27
Jones, W. S	7271	17	Feb. 9
Jones, Wm	7376	5	Apr. 12
Kendall, P. F	7216	14	Jan. 9
Kain, C. M	7228	12	Jan. 14
Knee, Thos	7307	12	Mar. 14
Kerr, Jas., jr	7389	11	Apr. 15
Kain, Warren C	7419	9	May 3
Ketchum, A. R	7510	12	June 24
Kelly, B. F	7616	6	Sept. 9
Libano, J. C	7242	24	Jan. 21
Leitch, Jas	7270	10	Feb. 9
Landry, J. T	7344	20	Mar. 26
Lassen, Chas	7354	5	Mar. 30
Lamb, Jas	7385	8	Apr. 13
Lydon, M. B	7398	8	Apr. 22
Landry, M. M	7421	11	May 4
Libano, J. C., jr	7500	5	June 17
Leathers, F. C	7575	5	Aug. 13
Leathers, B. D	7592	4	Aug. 25
Lusk, Daniel W	7634	14	Sept. 16
Leathers, T. P	7638	5	Sept. 20
Leathers, B. S	7668	19	Oct. 15
Lagrove, J. W	7775	13	Dec. 22
Marullo, G	7231	4	Jan. 15
Michel, Gus	7237	2	Jan. 18
Micheals, A	7312	9	Mar. 5
McFarlane, F. C	7361	2	Apr. 2
McChesney, W. H	7446	16	May 19
Marcy, F. P	7466	7	May 31
McGlinsey, W. H	7482	5	June 10
Mears, A. H	7491	5	June 14
Mossop, J. H	7497	22	June 15
Mayor, W. S	7626	6	Sept. 13
McDermont, Wm	7684	4	Oct. 25
Maurin, Victor	7739	10	Nov. 30
Morrow, T. J	7761	13	Dec. 15
Nelson, Frank	7738	2	Nov. 30
O'Reilly, P. J	7330	16	Mar. 20
Olsen, J. M	7382	2	Apr. 12
Onion, W. H	7554	7	July 23
Perry, E. R	7220	12	Jan. 12
Patten, William	7372	3	Apr. 8
Parker, S. P	7373	22	Apr. 9
Pare, Chas	7503	18	June 18
Prohaska, J. T	7534	10	July 5
Parker, Walter B	7548	9	July 19
Powers, J. J	7563	2	Aug. 2
Pizzati, Henry	7590	15	Aug. 25
Phillips, W. S	7623	6	Sept. 11
Powers, J. W	7654	11	Sept. 29
Pizzati, S	7662	19	Oct. 7
Phillips, F. C	7705	10	Nov. 10
Reber, Thos	7501	6	June 17
Roussel, L. J	7536	3	July 8
Rivera, Louis	7666	8	Oct. 12
Roland, A. A	7770	13	Dec. 30
Sweeney, T. C	7209	21	Jan. 5
Sadler, F. M	7212	6	Jan. 8
Streck, S. S	7341	13	Mar. 24
Sullivan, Andrew	7343	8	Mar. 25
Shad, R. M	7363	5	Apr. 5
Stegall, C. C	7460	11	May 27

Masters licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issu	Name.	No. of license.	No. of issue.	Date of issue.
Sinclair, A. G	7509	5	June 24	Spano, John	7754	2	Dec. 11
Scovell, F. E	7543	3	July 17	Trimp, Martin	7520	7	May 28
Squires, W. H	7627	12	Sept. 13	Traverse, G. B	7566	6	Aug. 6
Schriever, Henry	7630	12	Sept. 15	Trousdale, A. P	7751	25	Dec. 9
Smith, C. H	7647	9	Sept. 25	Tredup, Fred	7779	14	Dec. 24
Sewall, J. N	7648	4	Sept. 27	Vorhees, T. K	7457	20	May 25
Schultz, Oscar	7652	6	Sept. 29	Wood, M. N	7305	22	Mar. 3
Shaw, Wm	7719	8	Nov. 19	Waldren, Thos	7560	10	July 27
Sweeney, C. H	7732	4	Nov. 26	Whitlow, Wm	7699	7	Nov. 6
Stronberg, A	7748	10	Dec. 8	Youngblood, W	7570	6	Aug. 11

Masters and pilots licensed during the year ended December 31, 1897—New Orleans, La.

Alexander, W. B	7205	11	Jan. 4	Callihan, Wilber	7429	24	May 7
Averill, A. W	7241	24	Jan. 21	Connor, John	7440	20	May 14
Arroyo, P. F	7284	18	Feb. 15	Cooley, W. W	7459	18	May 26
Albert, Alcide	7288	15	Feb. 16	Clemmens, B. R	7474	8	June 7
Aikman, J. B	7291	23	Feb. 20	Cope, E. L	7475	21	Do.
Aills, G. W	7314	19	Mar. 6	Carter, H. M	7476	1	Do.
Averill, Jos	7316	26	Mar. 8	Cazedesus, A. F	7494	3	June 15
Ahern, Jno	7327	17	Mar. 20	Crittenden, A. B	7508	9	June 23
Aulic, Jas	7470	23	June 2	Crothers, A. T	7577	15	Aug. 16
Arnold, F. W	7495	9	June 15	Constantin, Eng	7593	1	Aug. 25
Bookout, G. W	7240	25	Jan. 20	Caulfield, Jas	7596	3	Aug. 30
Belt, L. T	7249	15	Jan. 25	Curry, T. C	7595	19	Do.
Brown, H. T	7260	15	Jan. 29	Campbell, T. W	7635	3	Sept. 16
Bruezline, K. J	7267	16	Feb. 6	Cothell, Robt	7642	20	Sept. 21
Buskin, Aug	7276	3	Feb. 10	Carrick, M	7683	24	Oct. 25
Boardman, D. A	7282	21	Feb. 13	Childs, S. W	7697	18	Nov. 5
Boardman, J	7294	25	Feb. 23	Conklin, J. E	7721	16	Nov. 19
Breen, Edw	7298	17	Feb. 25	Church, Saml	7723	14	Nov. 22
Bell, E. E	7299	2	Do.	Cassidy, Jno	7733	21	Nov. 27
Benezech, H. H	7300	3	Feb. 26	Cox, Plato	7766	13	Dec. 18
Betz, J. W	7302	1	Mar. 2	Clark, J. E	7780	17	Dec. 27
Blakeney, J. W	7309	15	Mar. 4	Cooley, R. E	7786	12	Dec. 28
Baker, Jas, McC	7311	26	Do.	Durable, Eng	7230	18	Jan. 15
Brooks, I. W	7318	11	Mar. 12	Davis, Martin	7234	19	Jan. 18
Bonham, B. B	7336	16	Mar. 23	Damese, N. A	7292	6	Feb. 20
Boardman, R. S	7351	16	Mar. 29	Dunbar, K. A	7331	14	Mar. 22
Bisso, J. A	7356	5	Apr. 1	Daigre, D	7337	4	Mar. 24
Benson, B. A	7360	7	Apr. 2	Duty, W. W	7340	8	Do.
Bowman, L. L	7364	6	Apr. 6	Dorsey, E. N	7369	18	Apr. 7
Bird, A. J	7391	16	Apr. 15	Driskill, Nathl	7375	13	Apr. 9
Boccaletti, C. A	7465	23	May 31	Dezanche, Andrew	7378	12	Apr. 12
Blair, Henry	7493	15	June 15	Dougherty, Jno. M	7395	10	Apr. 21
Bachino, Jno. B	7519	9	June 28	Delahoussay, L. P	7399	24	Apr. 23
Blanchard, M	7636	20	Sept. 18	Davis, J. T	7415	24	Apr. 30
Barrios, R. E	7651	9	Sept. 29	Duffy, J	7426	9	May 6
Blanc, A. D	7658	17	Oct. 2	De La Hunt, J. V	7435	17	May 12
Blanchard, E. A	7663	7	Oct. 7	Dodd, E. H	7437	8	May 13
Bell, Thos, J	7670	5	Oct. 15	Dowty, E. T	7449	7	May 20
Blanchard, M., jr	7687	10	Oct. 26	Drunin, Philip	7477	8	June 8
Barré, W. E	7685	13	Do.	Davidson, J. G	7539	25	July 13
Birney, Wm	7686	9	Do.	Dumestre, J. B	7579	15	Aug. 17
Brunner, L	7709	17	Nov. 12	De Luca, V	7580	11	Aug. 18
Baldwin, A	7713	2	Nov. 15	Dandie, Jas	7582	19	Aug. 20
Brown, Jas	7716	27	Nov. 16	Dowty, W. A	7614	16	Sept. 9
Brentz, Albert	7757	10	Dec. 13	Davidson, A. S	7631	22	Sept. 15
Brown, J. B	7763	17	Dec. 16	Dorr, H	7643	14	Sept. 21
Berry, W. H	7765	14	Dec. 18	Davidson, Jesse	7661	16	Oct. 5
Brantley, H. J	7769	17	Dec. 20	Etter, William	7217	12	Jan. 9
Boardman, A. P	7783	11	Dec. 27	Erickson, Jas., jr	7233	5	Jan. 16
Bishop, W. H	7784	17	Do.	Erwin, G. W	7274	6	Apr. 9
Bronon, Peter	7785	25	Dec. 28	Evans, Wm	7484	15	June 11
Caldwell, S. B	7207	24	Jan. 5	Ensminger, D. W	7609	13	Sept. 7
Crawford, Wm	7211	17	Jan. 8	Epple, Geo	7624	8	Sept. 11
Carlton, J. W	7218	24	Jan. 11	Elfert, E. M	7633	9	Sept. 15
Cryer, E. B	7239	25	Jan. 20	Emler, T. J	7698	20	Nov. 6
Cooper, F. M	7263	15	Feb. 4	Erickson, Jas	7749	16	Dec. 9
Carter, A. J	7272	22	Feb. 9	Fowler, J. C	7229	20	Jan. 14
Cary, W. S	7296	13	Feb. 24	Ford, J. E	7244	5	Jan. 22
Cooley, L. V	7317	22	Mar. 10	Francioni, Jos	7394	10	Apr. 21
Claycomb, Jno	7320	17	Mar. 13	Farrar, V	7489	19	June 14
Clark, Geo	7324	24	Mar. 18	Fleming, W. B	7605	21	Sept. 4
Craig, Thomas	7334	18	Mar. 23	Fearing, C. H	7608	22	Sept. 6
Cissna, W. H	7397	13	Apr. 22	Flanagan, T. L	7619	11	Sept. 9
Cissna, Edw	7404	13	Apr. 24	Finnemore, R. E	7678	2	Oct. 20
Croall, David	7402	12	Do.	Fortnis, H. R	7695	22	Nov. 2
Claycomb, B. F	7412	14	Apr. 28	Futral, Saml	7789	1	Dec. 29

Masters and pilots licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Green, C. J	7215	13	Jan. 9	Lumbard, W. M	7257	18	Jan. 28
Gomellon, J. F	7287	14	Feb. 15	Lange, H. L	7319	16	Mar. 12
Guess, W. H	7289	4	Feb. 18	Leland, H	7403	21	Apr. 24
Gashia, Jos	7329	17	Mar. 20	Lawson, C. H	7407	23	Apr. 27
Galt, Henry	7332	23	Mar. 23	Lowden, R. J	7424	8	May 5
Gillen, Wm	7350	25	Mar. 27	Lewis, J. W	7443	5	May 17
Guillot, A. O	7362	17	Apr. 3	Laffler, Wm	7507	16	June 22
Gersdorf, Gus	7401	7	Apr. 24	Lynch, W. H	7513	18	June 26
Giles, A. E	7417	10	May 1	Luckett, R	7517	14	June 28
Guess, C. M	7428	20	May 6	Ledbetter, T. G	7572	26	Aug. 11
Gaulden, G. M	7471	14	June 5	Lewis, J. H	7591	24	Aug. 25
George, Geo	7504	15	June 22	Leslie, Geo	7598	11	Aug. 31
Glavey, Jno	7525	16	July 1	Lewis, Jno	7612	12	Sept. 7
Grace, M. J	7544	8	July 17	Lee, Christie A	7688	6	Oct. 26
Gavvett, A. G	7558	23	July 27	Le Gendre, P. F	7701	12	Nov. 9
Gersdorf, J. F	7672	15	Oct. 16	Lamb, W. W	7710	14	Nov. 12
Glavey, Ben	7676	2	Oct. 18	Little, A. D. C	7729	13	Nov. 23
Guess, R. M	7680	11	Oct. 21	Levine, J. D	7742	7	Dec. 1
Gager, E. V	7725	26	Nov. 22	Leonard, John	7758	7	Dec. 13
Garland, Jas	7728	14	Nov. 23	Loviza, John	7760	24	Dec. 14
Grant, R. H	7741	18	Dec. 1	Marsh, Jas. H	7214	5	Jan. 8
Guess, C. A	7752	16	Dec. 9	McCormick, A	7222	23	Jan. 13
Gerchow, Wm	7781	12	Dec. 27	McNeeley, H. P	7225	25	Jan. 14
Hamilton, R. T	7213	10	Jan. 8	McElroy, E. P	7236	17	Jan. 18
Hiner, D. A	7262	20	Feb. 1	McSweeney, M	7258	21	Jan. 29
Harper, S. P	7313	4	Mar. 6	Morgan, Joseph	7266	24	Feb. 5
Hardie, C. F	7323	17	Mar. 18	Morse, M. A	7268	11	Feb. 8
Halsey, T. P. C	7333	25	Mar. 23	Moore, C. W	7277	3	Feb. 10
Harvey, H. A	7338	3	Mar. 24	Maxson, C. P	7275	9	Do.
Hamilton, Jas	7357	19	Apr. 1	Michell, Ben	7281	13	Feb. 12
Hawthorne, J. W	7358	22	Apr. 2	McCord, R	7290	7	Feb. 19
Hymel, S	7388	9	Apr. 15	McLaughlin, C. W	7308	6	Mar. 4
Higbee, Chas	7392	3	Apr. 17	Muir, J. M	7326	22	Mar. 19
Houlden, R	7416	26	May 1	Meynier, Chas	7346	22	Mar. 26
Hopner, W	7463	9	May 28	Miller, Jerry	7352	22	Mar. 29
Higbee, J. V	7486	24	June 12	McCarty, L. S	7367	24	Apr. 6
Henthorn, C. T	7487	11	Do.	McLaughlin, Jno	7377	14	Apr. 12
Hanlin, Geo	7512	15	June 25	McLellan, G. M	7413	21	Apr. 29
Hart, E. R	7518	23	June 28	Migand, L. C	7432	4	May 10
Hayes, J. J	7553	17	July 22	Morrisey, Patrick	7442	4	May 15
Halliday, A. M	7573	25	Aug. 12	Morgan, Geo	7467	9	May 31
Hanson, Wm	7588	12	Aug. 23	Meloche, S	7479	10	June 8
Honeycutt, Jack	7597	3	Aug. 31	McNeely, M. R	7524	27	June 30
Hebert, W. H	7620	7	Sept. 10	Marsh, G. R	7526	13	July 1
Hanover, Wm	7628	27	Sept. 14	Miller, Aug	7531	18	July 2
Hotard, A. E	7724	15	Nov. 22	Martin, Louis	7538	6	July 13
Hooter, H. C	7735	11	Nov. 27	McCloskey, Wm	7550	27	July 21
Holt, J. C	7747	21	Dec. 6	Miller, W. A	7557	12	July 26
Hicks, J. G	7755	1	Dec. 11	Muggah, T. L	7565	25	Aug. 4
Horton, B. F	7764	12	Dec. 16	Marattia, F	7569	24	Aug. 7
Harvey, Wm	7767	15	Dec. 20	Mead, J. W. C	7584	20	Aug. 20
Hunteman, Wm	7790	14	Dec. 30	Morse, Thos. L	7639	25	Sept. 20
Iver, Michael	7210	26	Jan. 6	McNeely, L. B	7656	19	Oct. 2
Iver, Henry	7383	17	Apr. 12	Mott, Chas. J	7671	5	Oct. 15
Irvine, J. F	7610	4	Sept. 7	McLarey, G. R	7726	12	Nov. 22
Jochem, Frank	7224	4	Jan. 13	McGuire, M	7731	11	Nov. 24
Johnson, Aug	7226	4	Jan. 14	Morse, T. R	7737	1	Nov. 30
Jolls, H. A	7359	24	Apr. 2	Monaghan, B	7773	17	Dec. 21
Jackson, David	7384	16	Apr. 13	Morales, R	7787	8	Dec. 29
Johnson, M. L	7502	22	Apr. 17	Neihysel, Wm	7279	15	Feb. 11
Johnson, A	7562	17	Apr. 28	Norriea, Nick	7285	11	Feb. 25
Johnson, E. McC	7556	7	July 26	Nimtz, A. F	7365	18	Apr. 6
Jackson, C. M	7567	7	Aug. 6	Neilson, Neils	7386	16	Aug. 21
Johnson, C	7585	5	Aug. 21	Norberg, Jno. O	7700	14	Nov. 8
Jackson, J. M	7589	14	Aug. 25	Noonan, R	7715	8	Nov. 16
Jay, John	7602	11	Sept. 1	Ott, L. D	7204	20	Jan. 2
Jacob, Olide	7621	13	Sept. 11	O'Brien, Jas	7223	23	Jan. 13
Jones, S. A	7637	2	Sept. 18	O'Brien, Jno	7256	5	Jan. 27
Kyle, Wm	7328	20	Mar. 20	O'Brien, J. B	7265	15	Feb. 5
Kemble, Frank	7345	25	Mar. 26	Onion, J. M., jr	7315	6	Mar. 8
Knight, G. W	7348	15	Mar. 27	Oatman, T. J	7353	9	Mar. 29
Kennedy, G. W	7406	20	Apr. 26	O'Brien, M. J	7422	11	May 4
Kaeker, C. W	7439	11	May 13	O'Pry, Henry	7434	12	May 12
Kouns, M. H	7454	12	May 22	Ortte, Allen	7468	23	June 1
Kahler, Fred	7492	4	June 14	Onion, J. M	7473	22	June 7
Kell, S. M	7535	20	July 7	Ottendorfer, F	7530	20	July 2
Kouns, L. E	7555	15	July 23	Owrey, E. C	7607	3	Sept. 4
Kenny, M. F	7606	6	Sept. 4	Otis, Frank	7611	9	Sept. 7
Kouns, John	7613	14	Sept. 8	Olsen, John	7696	12	Nov. 4
Krogsgard, J. D	7629	14	Sept. 14	O'Brien, J. F	7718	20	Nov. 17
Kouns, C. S	7704	24	Nov. 10	Plant, Robt	7207	19	Jan. 5
Kranz, Frank	7708	17	Nov. 11	Potter, J. G	7310	11	Mar. 4
Lanier, J. A	7235	4	Jan. 18	Pierce, E. J	7355	10	Mar. 31

Masters and pilots licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Pierce, E. A	7368	10	Apr. 6	Swain, A. G	7571	25	Aug. 11
Pulley, J. R	7393	24	Apr. 19	Short, William	7574	20	Aug. 13
Prince, Jno	7409	14	Apr. 27	Sweeney, T. F	7587	10	Aug. 23
Poitevent, S. R	7427	9	May 6	Schuppert, J. F	7625	6	Sept. 11
Pardo, F	7430	8	May 10	Southard, G. C	7655	4	Sept. 30
Poitevent, Junius	7451	4	May 20	Small, J. T	7682	13	Oct. 23
Parisot, S. H	7455	14	May 22	Sheldon, G. A	7702	24	Nov. 9
Prince, Wm	7458	19	May 25	Spotten, Jos	7711	16	Nov. 13
Pugh, W. D	7472	17	June 5	Sheldon, C. P	7717	23	Nov. 17
Pearson, E. C	7511	3	June 25	Smith, J. F	7722	12	Nov. 20
Palmer, Emile	7529	16	July 2	Seitz, Philip	7743	16	Dec. 1
Pugh, W. W	7541	9	July 15	Scovell, N	7745	22	Dec. 4
Pruyn, F. M	7546	14	July 17	Shinkle, W. A	7746	8	Do.
Pettigrove, W. R	7568	15	Aug. 6	Smith, Peter	7750	23	Dec. 9
Porter, C. E	7576	13	Aug. 13	Storm, Fred	7753	20	Dec. 11
Pennywitt, H. M	7599	18	Aug. 31	Smith, J. W	7756	16	Do.
Perkins, E	7615	20	Sept. 9	Seese, G. W	7768	16	Dec. 20
Pennywitt, Saml	7645	18	Sept. 24	Sargent, L. H	7776	6	Dec. 23
Perkins, J. W	7646	26	Do.	Toryuser, C. E	7201	11	Jan. 2
Perron, A. B	7665	13	Oct. 8	Thomas, A. J	7232	11	Jan. 16
Pierce, Alton	7664	11	Do.	Trudeau, J. E	7386	6	Apr. 13
Pujol, A. A	7693	13	Oct. 30	Taylor, John	7445	25	May 19
Poitevent, John	7783	13	Dec. 27	Turley, W. E	7521	6	May 29
Quinn, Danl	7278	4	Feb. 11	Trunzler, J. H	7578	4	Aug. 17
Queant, Alex	7452	4	May 21	Talbot, R. J	7640	15	Sept. 20
Quatreveaux, E	7740	17	Dec. 1	Tackaberry, C. N	7649	10	Sept. 27
Riggs, D. M	7248	15	Jan. 25	Tindel, J. M	7703	21	Nov. 10
Reed, Robt	7255	7	Jan. 26	Troxler, J. A	7707	7	Nov. 11
Reynolds, W. J	7273	13	Feb. 9	Tremmel, Matt	7760	24	Dec. 15
Readman, S. C	7293	16	Feb. 22	Theodore, N	7774	20	Dec. 22
Rea, G. W	7307	26	Mar. 3	Unsworth, P	7617	18	Sept. 9
Rea, Ben C	7347	6	Mar. 26	Valley, Chris	7304	26	Mar. 3
Redding, J. F	7381	15	Apr. 12	Van Schoeler, V	7370	10	Apr. 7
Redding, F. A	7405	4	Apr. 26	Vaughan, H. D	7483	13	June 11
Roberts, J. W	7408	11	Apr. 27	Vogt, H. R	7694	16	Nov. 1
Roig, John	7414	8	Apr. 30	Vincent, J. L	7762	8	Dec. 16
Robards, E. M	7425	16	May 6	Winn, J. B	7206	17	Jan. 4
Rolfs, George	7433	25	May 11	Watson, H	7227	13	Jan. 14
Roberts, W. A	7523	12	June 30	White, W. H	7250	20	Jan. 25
Reddick, G. W	7527	18	July 1	White, D. C	7251	16	Do.
Redman, Jos	7537	15	July 12	Woods, T. J	7261	5	Jan. 30
Russell, Robt	7542	15	July 16	Watkins, Henry	7321	8	Mar. 15
Robinson, John	7552	23	July 21	Welman, Geo	7322	20	Mar. 17
Rucker, E. A	7564	7	Aug. 3	Wilson, Thos	7335	13	Mar. 23
Rivenback, R	7583	16	Aug. 20	Wrigley, W. H	7339	25	Mar. 24
Rogers, G. O	7644	8	Sept. 23	White, T. E	7366	15	Apr. 6
Rawlings, R. G	7657	23	Oct. 2	Williams, F. B	7387	6	Apr. 13
Roberts, P. M	7675	10	Oct. 18	Ward, H. M	7441	6	May 14
Rawlings, L. C	7690	27	Oct. 28	Weaver, W. D	7448	20	May 20
Robards, C. L	7712	9	Nov. 15	Wilson, S. A	7462	13	May 28
Richardson, J. J	7736	14	Nov. 29	White, B. F	7464	8	Do.
Sonderberg, P	7202	20	Jan. 2	Williams, H. M	7469	11	June 1
Simpson, W. B	7203	2	Do.	Ward, H. C	7480	13	June 8
Staples, Geo	7238	24	Jan. 19	Wilkinson, J. M	7505	6	June 22
Sanders, D. A	7252	3	Jan. 26	Weaver, H. T. G	7514	15	June 26
Spencer, R	7269	14	Feb. 8	Wenzel, Wm	7515	26	Do.
Seaman, A. P	7274	8	Feb. 9	Wallace, C. T	7522	16	June 30
Sanders, J. B	7295	12	Feb. 23	Wilcox, Edw	7581	26	Aug. 19
Strand, C	7297	16	Feb. 24	Williams, J. J	7594	21	Aug. 31
Sturtevant, J. A	7306	26	Mar. 3	Wasson, N	7600	19	Sept. 1
Seal, J. L	7343	15	Mar. 25	Willcox, W. W	7641	18	Sept. 21
Stevens, G. W	7379	6	Apr. 12	Whiteman, H. C	7677	6	Oct. 19
Starr, P. R	7418	14	May 3	Williams, P. H	7744	20	Dec. 2
Shaw, Charles D	7420	17	Do.	Weaver, A. L	7789	15	Dec. 29
Smith, M. G	7436	14	May 12	Young, T. F	7264	25	Feb. 5
St. Clair, C. H	7450	16	May 20	Yancey, R. E	7390	10	Apr. 15
Swanson, Charles	7453	7	May 22	Youngblood, J. W	7498	4	June 16
Swayze, J. W	7496	15	June 15	Young, J. F	7622	3	Sept. 11
Staples, Robert	7528	11	July 2				

Mates licensed during the year ended December 31, 1897—New Orleans, La.

Bonomi, Archille	1303	3	Apr. 29	Newman, F. A	1306	6	June 30
Goeldner, Curt	1309	1	Aug. 7	Nelson, John	1312	6	Nov. 29
Lacey, Thomas	1304	10	June 1	Sherman, G. O	1302	5	Apr. 2
Murphy, F. H	1305	6	June 22	Svendsen, N	1313	3	Dec. 2
McDonald, K	1307	2	July 19	Thompson, Ed	1311	6	Nov. 23
Mulling, Chas	1314	6	Dec. 6				

Pilots licensed during the year ended December 31, 1897—New Orleans, La.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots.			
Ansel, Christian	5011	19	Jan. 19
Ansel, John	5055	19	Apr. 2
Arbo, Walter	5060	20	Apr. 12
Auter, S. B	5077	10	May 12
Andrews, Manuel	6123	5	Sept. 13
Andrews, Dimitry	6128	9	Oct. 6
Aleman, P. G	6140	26	Nov. 6
Bragard, Aug	5005	4	Jan. 6
Behrens, Henry	5010	17	Jan. 19
Ballam, G. H	5017	8	Jan. 26
Betz, John W	5019	7	Jan. 29
Brand, J. N	5025	19	Feb. 6
Bowes, John T	5029	17	Feb. 9
Battle, T. J	5037	7	Feb. 23
Bowes, Joseph	5054	11	Apr. 2
Burns, Edward	5063	10	Apr. 15
Baldo, Anthony	5068	26	Apr. 23
Boyce, G. W	5078	14	May 12
Brewer, D. S	6106	16	July 27
Barringer, James	6124	4	Sept. 20
Berger, Charles	6134	12	Oct. 25
Bynum, W. J	6135	19	Oct. 26
Baridivitch, Jno	6147	4	Nov. 18
Blouin, J. O	6163	41	Dec. 13
Baron, Geo	6173	26	Dec. 29
Constantin, Eugene	5006	10	Jan. 13
Carter, H. M	5029	4	Feb. 9
Chatelier, John	5057	6	Apr. 7
Christensen, G. F	6108	4	Aug. 2
Colombel, Joseph	6119	5	Sept. 7
Cochrane, E. T	6120	5	Sept. 9
Creath, J. H	6132	16	Oct. 18
Cook, Henry	6168	13	Dec. 22
Coinson, L	6170	13	Dec. 27
Duke, A. D	5043	9	Mar. 8
Davis, Jno. C	5045	5	Mar. 18
Dore, William	5058	20	Apr. 7
Dent, James	5083	28	May 20
Damonte, J. A	5088	17	June 7
Dorsey, O. M	5093	7	June 15
Eldridge, H. W	5040	15	Mar. 2
Evans, William, jr	5062	6	Apr. 13
Eckles, L. L	5097	18	July 8
Eckles, W. H	6159	9	Nov. 30
Fitzgerald, Nelson	5001	17	Jan. 2
Falls, Chas. M	5028	11	Feb. 8
Florane, M. R	5032	13	Feb. 10
Fielding, Barney	5046	5	Mar. 19
Forgey, Edw. T	5067	5	Apr. 19
Fleming, T. P	5070	7	Apr. 23
Fagan, Wm	5074	4	May 7
Frion, S	5098	12	July 12
Falgout, M., jr	6137	14	Oct. 29
Fenton, A. C	6146	2	Nov. 17
Fortins, M. M	6151	5	Nov. 24
Gardere, Riviere	5023	5	Feb. 6
Green, W. C	5034	5	Feb. 18
Gaslira, C. R	5038	5	Feb. 25
Gillen, R. F	5044	10	Mar. 12
Gillen, John	5089	3	June 8
Gutierrez, Theo	6110	7	Aug. 13
Gardner, W. E	6111	14	Aug. 16
Gray, Chas. C	6114	14	Aug. 24
Gormley, A. P	6117	11	Aug. 30
George, S. B	6127	5	Oct. 2
Goldate, B	6161	10	Dec. 7
Gianelloni, J. D	6171	8	Dec. 28
Harrison, R. H	5024	8	Feb. 6
Holstein, J. H	5036	5	Feb. 23
Huffman, J. E	5039	3	Mar. 2
Hart, Robt. E	5047	8	Mar. 25
Herbert, R. E	5050	5	Mar. 29
Heintz, B. A	5053	10	Apr. 1
Holstein, K. P	5084	4	May 20
Hayden, T. L	5087	8	June 7
Hanover, Wm., jr	6101	3	July 20
Howell, Wm. M	6126	6	Oct. 1
Hicks, J. G	6133	7	Oct. 20
First-class pilots—Continued.			
Hopkins, C. L	6150	5	Nov. 18
Hicks, M. J	6169	3	Dec. 23
Iver, George	6104	8	July 24
Johnson, John	5002	35	Jan. 4
Johnson, W. D	5004	13	Do.
Jordan, Wm	5082	7	May 20
Jones, Wm. H	6130	2	Oct. 15
Jacob Valsin	6148	34	Nov. 18
Johnston, J. A	6153	15	Nov. 24
Jones, George	6156	5	Nov. 29
Jorden, Jno. W	6162	6	Dec. 7
Jacobs, Camille	6164	28	Dec. 16
Kroger, M. N	5022	6	Feb. 4
Kilgarlin, Jos	5051	6	Mar. 31
Kramer, Henry	5059	17	Apr. 8
Koch, Emile	5064	3	Apr. 16
Kitterlin, J. D	6105	4	July 24
Krough, S. D	6139	16	Nov. 5
Lynch, P. B	5013	4	Jan. 21
Lusk, D. W	5014	10	Jan. 22
Landry, F	5027	4	Feb. 8
Loga, J. P	5035	2	Feb. 23
Labarthe, P. A	5099	13	July 10
Le Blanc, J. A	6109	39	Aug. 5
McHugh, M. W	5021	4	Feb. 3
McNeeley, S. B	5031	10	Feb. 9
Maitland, R. S	5042	4	Mar. 5
Muntz, W. H	5071	16	Apr. 24
McDowell, M. J	5072	25	Apr. 28
McCormick, Jno	5076	18	May 11
Monteith, G. B	5079	1	May 12
Murray, A	5092	10	June 11
Mayon, R	5100	7	July 19
Morgan, W. H	6103	10	July 22
Martin, W. R	6113	10	Aug. 23
McNeeley, J. N	6118	5	Sept. 2
Muntz, G. A	6129	13	Oct. 14
Muntz, Cornelius	6131	5	Oct. 16
McNair, J. E	6145	5	Nov. 16
McKnight, Jas	6149	11	Nov. 18
Miller, R. O	6152	7	Nov. 24
Newbill, W. T	5080	26	May 12
Osgood, G. D	5085	1	May 25
O'Brien, Wm	5090	17	June 8
Pintado, A. V	5009	5	Jan. 16
Pintado, A. N	5026	15	Feb. 8
Penney, W. C	5041	30	Mar. 3
Puckett, H. S	5049	4	Mar. 29
Pell, Jas. T	5060	7	Apr. 13
Pusey, E. E	5065	6	Do.
Pierce, C. A	5095	6	June 24
Pharr, J. N	6102	5	July 21
Portwood, P. B	6123	8	Sept. 15
Portwood, R. J	6136	8	Oct. 27
Pilson, W. J	6165	3	Dec. 20
Radovitch, John	5003	6	Jan. 4
Reilly, T. G	5012	7	Jan. 19
Rolfs, W. A	5016	6	Jan. 26
Risher, H. L	5048	2	Mar. 26
Readman, W. H	5069	13	Apr. 23
Rolfs, Geo., jr	5094	6	June 21
Robisheaux, Edw	6115	10	Aug. 25
Reynolds, James	6116	11	Aug. 30
Rearden, J. H	6125	10	Sept. 25
Rea, J. K. B	6139	3	Nov. 6
Ramey, J. J	6142	2	Nov. 8
Roberts, J. Q	6154	12	Nov. 26
Rayford, W. A	6166	7	Dec. 20
Robertson, W. T	6167	11	Dec. 21
Settwoch, L	5008	11	Jan. 14
Sadler, W. B	5015	10	Jan. 23
Saunders, C. L	5018	6	Jan. 26
St. John, W. H	5020	4	Feb. 1
Spence, W. F., jr	5075	1	May 11
Scurrich, V	6107	7	July 30
Schoenstein, J. T	6157	9	Nov. 29
Trowbridge, C	5052	14	Apr. 1
Tinker, W. B	5061	10	May 14

Pilots licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Thorgeson, T. A	6112	5	Aug. 20
Tastet, E. C	6141	16	Nov. 8
Upson, L. A	5007	11	Jan. 13
Wheat, J. H	5033	3	Feb. 10
Walker, J. B	5056	15	Apr. 15
Ware, T. Z	5066	7	Apr. 19
Williams, Geo	5086	8	June 3
Weaver, H. S	5091	8	June 11
Walters, C. D	6143	12	Nov. 8
Worley, J. E	6144	11	Nov. 11
Washburn, J. M	6155	5	Nov. 27
White, W. I	6172	6	Dec. 28
Young, L. F	6121	10	Sept. 9
Yarbrough, J	6160	10	Dec. 4
Second-class pilots.			
Ashman, G. F	5937	7	Apr. 5
Boyet, H. A	5021	2	Feb. 24
Boyet, Jno. A	5026	4	Mar. 11
Ballman, J. F	5030	5	Mar. 22
Blythe, A. W	5035	5	Mar. 31
Bowman, R. B	5046	2	Apr. 24
Bailey, W. L	5081	12	June 23
Bell, I. A	5085	6	July 8
Barbour, J. R	6405	1	Sept. 7
Badeaux, F	6425	3	Oct. 28
Ballam, P. W	6426	5	Nov. 2
Badeaux, F. A	6427	2	Nov. 3
Barbour, J. A	5099	5	Aug. 16
Cothell, J. S	5064	1	May 25
Coguenhem, M	5080	1	June 23
Coleman, C. W	5093	6	July 26
Crane, W. W	6423	4	Oct. 26
Cochrane, H. A	6437	2	Nov. 19
Dufour, J. F	5038	3	Apr. 13
Den Vernay, N	5097	1	Aug. 4
Dalton, John	6411	11	Oct. 4
Dunham, Sam'l	6413	2	Oct. 6
Ehwalt, C	6402	6	Aug. 23
Elfer, N. C	6429	2	Nov. 4
Fabacher, L	5062	1	May 21
Frueil, A	5066	1	June 3
Futral, Sam'l	5082	7	June 25
Forgey, C. H	5086	3	July 8
French, W. A	5090	1	July 14
Fortins, H. B	5094	1	July 29
Fueglein, John	6424	2	Oct. 28
Gray, Jas. T	5024	5	Mar. 8
Greisman, F. V	5042	5	Apr. 20
Gashia, R. L	5045	4	Apr. 22
Gothier, M. E	5055	15	May 5
Giles, A. E	6412	3	Oct. 5
Grant, Chas	6414	10	Oct. 9
Guiterez, H	6441	1	Dec. 4
Gounetti, Wm	6441	1	Dec. 13
Harrison, W	5008	1	Jan. 18
Handy, G. A	5041	2	Apr. 17
Hobday, Wm	5888	7	July 13
Hallberg, Chas. F	6409	3	Sept. 25
Helm, D. W	6451	3	Dec. 31
Johnston, V. M	5027	4	Mar. 15
Jopes, J. D	5087	2	July 13
King, T. J	5096	7	Aug. 2
Knight, E	6406	12	Sept. 13
Lively, Tobe	5031	1	Mar. 24
Le Guenec, P. G	5032	3	Mar. 26
Lee, Robt. E	5044	3	Apr. 22
Lester, D. C	5092	3	July 22
Lyon, J. L	6428	6	Nov. 3
Miller, Neal	5040	10	Apr. 15
McNeely, M. C	5073	9	May 3
Martin, T. J	5089	1	July 13
Moncrief, J. T	5091	5	July 16
McBride, R	5100	2	Aug. 17
Moore, J. R	6401	2	Aug. 20
Second-class pilots—Continued.			
May, Eugene	6422	4	Oct. 26
Ottendorfer, H. R	5095	1	Aug. 2
Opdenweyer, W. H	6403	2	Aug. 28
Parker, John	5029	1	Mar. 20
Perret, Octave	6415	4	Oct. 13
Palanque, S	6431	2	Nov. 8
Reed, Wm. H	5033	1	Mar. 27
Roberts, W. H	5043	2	Apr. 22
Redmann, T	5070	3	June 7
Rice, F. A	6407	2	Sept. 18
Ramey, J. J	6419	2	Oct. 20
Swayze, L. H., jr	5079	1	June 23
Snoffer, G. V	5083	12	June 26
Swayzer, Lucian	6447	2	Dec. 20
Tranchant, F. K	5001	1	Jan. 2
Toerner, A. M	5047	1	Apr. 26
Victoriana, T	5084	2	July 6
Valle, L. J	6443	1	Dec. 9
Wagnon, H. D	5025	2	Mar. 8
Waterhouse, C. L	5028	5	Mar. 19
Wenholz, Fred	5096	5	July 2
Special pilots.			
Austin, Chas	6417	12	Oct. 14
Agen, W. N	6437	5	Nov. 15
Brakenridge, C. E	5009	3	Jan. 23
Brandt, W	5019	2	Feb. 20
Brown, L. B	5049	1	Apr. 29
Bisso, Jos	6404	4	Sept. 3
Berendsohn, A	6416	5	Oct. 13
Ballingham, G. L	6433	4	Nov. 13
Casanova, J. G	5011	5	Feb. 1
Conrad, E. A	5013	7	Feb. 4
Collins, E. L	5057	2	May 10
Cooper, Dan'l	5060	4	May 18
Campell, Robt	5068	2	June 5
Christianson, J	6440	4	Dec. 2
Constant, J. D	6450	3	Dec. 30
Ditch, E. E	5017	2	Feb. 18
Deitsch, G	5056	5	May 5
Duncan, R	5067	4	June 5
Davis, G. M	5074	9	June 10
Doullut, Mary	6410	5	Oct. 1
Dammon, J. W	6418	7	Oct. 16
Dedes, Nicholas	6445	2	Dec. 15
Ellison, A. D	5078	9	June 22
Fisher, J. C	5018	9	Feb. 20
Hess, Fritz	5010	3	Jan. 27
Hinkle, W. H	5023	4	Mar. 3
Kidd, R. E	5098	8	Aug. 9
Le Normand, E	5007	3	Jan. 13
Lory, Wm	5012	3	Jan. 29
Lawrence, Wm	5016	12	Feb. 15
Little, Wm	5050	4	Apr. 30
Lougne, Chas	5059	9	May 15
Learned, A. B	5072	7	June 9
Minke, Chas	5003	4	Jan. 8
Maikell, Wm	5014	5	Feb. 6
Mouret, H	5022	2	Mar. 3
Martin, C	5039	2	Apr. 14
Myles, F. F	5051	1	May 1
McArthur, T. L	5053	4	May 3
Mullen, Jas	6420	10	Oct. 20
Marrero, W. F	6442	4	Dec. 8
Opdenweyer, F. M	5048	5	Apr. 27
O'Brien, F., sr	5061	4	May 18
Peck, J. G	5002	2	Jan. 5
Pagregan, F. V	5005	6	Jan. 9
Pavey, C. L	6421	2	Oct. 21
Rice, F. H	5006	4	Jan. 12
Ross, J. L	5020	3	Feb. 23
Rodrigues, E. J	5036	7	Apr. 5
Rainey, Abda	5076	5	June 18
Rusk, E. D	6446	4	Dec. 17
Riggs, A. F	6449	6	Dec. 28

Pilots licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special pilots—Cont'd.				*Special pilots*—Cont'd.			
Starts, C. E	5015	11	Feb. 13	Torres, T	5063	6	May 24
Stoke, J. W	5034	4	Mar. 29	Thomas, J. N	5069	4	June 7
St. Amant, F. A	5052	14	May 3	Tschion, C	5071	2	June 8
Simonich, Victor	5054	1	May 4	Toups, J. O., sr	6439	16	Nov. 29
Smith, F	5073	3	June 10	Van Thompson, O	6408	1	Sept. 20
Stansbury, C. P	5075	4	June 11	Ward, Jas. B	5058	2	May 13
Souter, D	6430	3	Nov. 8	Wicker, R. A	5077	5	June 19
Schlieder, E. G	6434	4	Nov. 15	Walker, A	6432	15	Nov. 13
Szabo, L	6435	10	Do.	Ward, Jas. B	6158	3	Nov. 30
Snow, D. H	6438	4	Nov. 19	Willoughby, G. F	6448	10	Dec. 22

Joint pilots and engineers licensed during the year ended December 31, 1897—New Orleans, La.

Anderton, G. P	1866	3	June 8	Marquez, W. E	1868	4	June 11
André, J. L	1889	1	Nov. 24	Moresi, A. P	1871	2	June 22
Beaullien, F	1854	1	Feb. 20	Moon, Frank A	1886	7	Oct. 1
Baker, H. B	1863	4	May 25	Millet, Albert	1892	4	Dec. 14
Bissell, Jas	1879	1	July 29	Plattsmier, J. J	1860	2	May 6
Curry, J. A	1870	1	June 11	Perrilliat, Chas	1890	4	Dec. 1
Churchill, E. T	1874	2	June 28	Rantz, C. F	1857	2	Apr. 10
Carlin, Ross	1882	3	Aug. 12	Rey, Edward	1880	3	Aug. 5
Dawes, H. C	1852	1	Feb. 5	Reynolds, F. F	1883	1	Aug. 12
Escoffier, F. F	1851	3	Feb. 1	Schwing, S. P	1859	2	Apr. 23
Frederick, H. H	1891	6	Dec. 1	Sells, O. P	1862	1	May 20
Ganey, J. A	1856	1	Apr. 2	Stagg, L. H	1867	1	June 9
Goodbee, E. L	1861	4	May 12	Salassi, Jno. R	1872	1	June 23
Helmer, N. A	1855	1	Mar. 10	Snypp, C. E	1874	8	June 26
Heuer, Alfred	1877	1	July 21	Sheets, Frank	1875	1	June 28
Kelly, Edw	1869	4	June 11	Spiller, Blass	1887	4	Oct. 13
Lacroix, Jos	1858	5	Apr. 17	Tierney, E. J	1888	2	Oct. 19
Levert, A. O	1876	1	July 6	Vittur, B. D	1881	1	Aug. 11
Lawson, Frank	1878	2	July 29	Woodsworth, C. S	1864	2	May 26
Little, J. M	1884	6	Sept. 1	Watkins, A. H	1886	3	Sept. 8
Moresi, A. D	1853	1	Feb. 19				

Engineers licensed during the year ended December 31, 1897—New Orleans, La.

Chief engineers (ocean).				*Chief engineers (ocean)*—Continued.			
Atkens, Gus	7686	9	May 7	Guillot, A. O	7631	26	Apr. 3
Bernard, C. H	7512	13	Jan. 9	Gray, William	7664	7	Apr. 22
Baylor, G. L	7539	10	Jan. 23	Green, W. G	7818	24	Aug. 20
Bolander, E	7549	20	Feb. 1	Gerner, Walter	7865	4	Oct. 21
Brennan, P	7629	25	Apr. 2	Hutchison, John	7553	32	Feb. 2
Baker, Wm	7721	21	June 1	Holland, J. M	7555	22	Feb. 3
Byrne, Patk	7776	30	July 17	Healy, J. J	7575	15	Feb. 25
Bowers, David	7857	28	Oct. 11	Housh, C	7615	20	Mar. 17
Beckett, J. R	7910	28	Dec. 4	Hackett, M	7676	23	May 1
Brown, J. J	7938	6	Dec. 22	Hall, C. B	7799	15	Aug. 3
Covert, E	7507	38	Jan. 5	Hewitt, Jesse	7811	30	Aug. 14
Carroll, Thos	7581	28	Feb. 26	Hayes, John	7936	31	Dec. 22
Campbell, D. M	7734	17	June 12	Inkster, John	7569	21	Feb. 20
Cunningham, E	7745	21	June 19	Jones, C. M	7824	28	Aug. 28
Connell, J. D	7914	24	Dec. 6	Kelly, Thomas	7529	29	Jan. 20
Case, C. W	7931	20	Dec. 15	Kelly, A. O	7531	18	Do.
Deluhery, Jno	7593	33	Mar. 3	Logel, George	7573	25	Feb. 23
Dana, C. H	7674	23	Apr. 29	Mariner, James	7557	19	Feb. 6
Davis, F. C	7709	11	May 24	Morris, John	7585	2	Feb. 27
Dunn, Ed	7919	12	Dec. 7	Montgomery, W. B	7614	5	Mar. 17
Edelston, Geo	7627	16	Apr. 1	Mullin, William	7659	30	Apr. 22
Eppink, J. A	7672	28	Apr. 28	Morgan, David	7720	27	June 1
Eastwood, C	7809	24	Aug. 12	Mayo, F. W	7733	8	June 12
Fullmer, H. B	7592	25	Mar. 3	McQuillan, Jas	7756	12	June 28
Fell, A. G	7822	12	Aug. 26	Molan, John	7774	15	July 17
Fenton, W. H	7863	18	Oct. 18	Morris, H. G	7784	28	July 23
Garson, O. F	7628	25	Apr. 1	Madden, Jeremiah	7792	8	July 30

Engineers licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
McCorkindale, Wm	7842	25	Sept. 21
Mahler, E. W	7859	25	Oct. 13
McKinney, E. B	7929	24	Dec. 15
Monaghan, B	7934	20	Dec. 21
O'Neill, James	7568	34	Feb. 19
O'Brien, M. J	7680	27	May 4
Pitt, John B	7632	13	Apr. 5
Park, E. H	7769	12	July 12
Pinder, Edmond	7781	38	July 21
Peterson, R. K	7893	13	Nov. 19
Richardson, T. F., jr	7608	15	Mar. 15
Rowland, D. P	7648	31	Apr. 15
Robinson, C. H	7701	6	May 17
Richardson, G. J	7725	10	June 3
Smith, J. H	7943	27	Dec. 29
Sadler, F. W	7589	6	Mar. 3
Skinner, R. E. Lee	7723	10	June 2
Salter, W. H	7749	4	June 22
Snow, R. H	7758	23	June 30
Shaw, A. L	7915	30	Dec. 6
Sheppard, James	7926	12	Dec. 14
Smith, Alonzo	7944	29	Dec. 30
Sexton, P. B	7945	25	Do.
Taylor, J. A	7501	29	Jan. 2
Turner, Lawrence	7645	32	Apr. 13
Thompson, C	7825	13	Aug. 30
Townsend, B. F	7889	33	Nov. 16
Vincent, Jno. H	7813	16	Aug. 16
Valentine, W. M	7826	32	Aug. 30
Whitmore, R. E	7556	13	Feb. 6
Williams, G. W	7576	25	Feb. 25
Williams, C. C	7630	15	Apr. 3
Woolf, J. H	7660	21	Apr. 22
Wingrave, T. R	7730	15	June 9
Williams, Jas	7830	22	Aug. 31
Walter, J. L	7875	16	Oct. 29
Weaver, G. J	7897	33	Nov. 22
Youngblood, W	7801	34	Aug. 4
Chief engineers (inland).			
Agen, Jno. F	7587	17	Mar. 2
Adams, Chas	7624	14	Mar. 30
Aust, Jos. C	7689	24	May 7
Auld, A. S	7839	18	Sept. 13
Applegate, Wm	7871	16	Oct. 27
Bell, Edwin	7518	14	Jan. 11
Barry, Thomas	7527	33	Jan. 18
Badeaux, Thos	7538	13	Jan. 23
Bobb, Charles	7565	26	Feb. 16
Berry, John	7577	32	Feb. 25
Bowman, R. B	7651	5	Apr. 17
Brooks, G. H	7670	19	Apr. 27
Brown, W. H	7678	18	May 3
Burton, R. H	7715	6	May 28
Brennan, Owen	7726	20	June 4
Brown, W. S	7750	24	June 22
Bommarins, F	7763	29	July 9
Brown, Jas. A	7779	33	July 20
Brandt, Wm	7802	5	Aug. 4
Black, Wilbert	7810	6	Aug. 12
Blaine, J. A	7819	23	Aug. 23
Berry, Jno. G	7833	26	Sept. 6
Bedford, Frank	7846	14	Sept. 24
Bird, Mike	7856	28	Oct. 8
Baxter, Jno. W	7861	10	Oct. 14
Bell, Jack	7883	23	Nov. 8
Burke, William	7884	26	Nov. 11
Bradbury, C. J	7891	26	Nov. 17
Brown, Garrett	7898	36	Nov. 23
Burns, S. R	7906	16	Nov. 29
Buckholz, Thos	7937	18	Dec. 22
Cunningham, C. L	7503	13	Jan. 5
Cooley, R. E	7508	23	Do.
Collins, Jesse H	7524	16	Jan. 14
Chief engineers (inland)—Continued.			
Case, Louis B	7526	23	Jan. 16
Cryer, E. B	7532	11	Jan. 20
Crane, Wm	7564	16	Feb. 15
Connors, M. J	7583	14	Feb. 27
Carter, Ernest	7584	5	Do.
Carter, A. J	7596	4	Mar. 5
Cain, Jas. A	7605	17	Mar. 10
Clark, Lemuel	7619	18	Mar. 26
Cox, Wilbert G	7652	7	Apr. 17
Case, Abram	7653	20	Apr. 19
Christy, G. W., sr	7655	14	Do.
Cissna, W. H	7662	19	Apr. 22
Cothell, Alex	7673	7	Apr. 28
Cole, W. E	7711	11	May 25
Childs, J. A	7729	29	June 8
Coakley, Patrick	7764	26	July 10
Crammer, T. E	7770	18	July 13
Cotie, Joseph	7831	17	Sept. 1
Carite, Raymond	7844	6	Sept. 23
Camden, J. S	7858	34	Oct. 12
Claycomb, J. S	7862	11	Oct. 18
Creath, J. H	7866	17	Oct. 21
Clark, John	7908	12	Dec. 2
Cissna, Edw	7941	15	Dec. 28
Devine, Jno. J	7528	23	Jan. 18
Dalton, S. W	7543	19	Jan. 25
Davis, G. M	7547	10	Jan. 29
Duty, W. T	7580	26	Feb. 26
Duty, M. J	7582	18	Do.
Donovan, J. J	7598	16	Mar. 5
Dick, H. T	7682	28	May 5
Durand, Wm	7699	24	May 15
Drake, Arthur	7702	30	May 17
Dowty, Wm. S	7754	7	June 24
Doullut, M. P	7814	13	Aug. 17
Dean, Benjamin	7832	31	Sept. 3
Derby, William	7841	15	Sept. 20
Downing, I. E	7843	22	Sept. 22
Dougherty, Jas	7930	15	Dec. 15
Davis, J. R	7939	25	Dec. 23
Delacroix, C. C	7940	11	Dec. 28
Etter, William	7514	29	Jan. 9
Erp, Jno. C	7554	9	Feb. 2
Evans, William	7642	15	Apr. 10
Emler, T. J	7683	19	May 6
Ewing, L. W	7687	4	May 7
Evans, S. W	7724	29	June 2
Faulkner, Henry	7571	15	Feb. 23
Farr, Frank A	7613	10	Mar. 16
Farrell, Jno. A	7752	31	June 23
Fielder, Hubert	7783	16	July 22
Frederick, Geo	7850	16	Sept. 27
Fortins, H. P	7877	21	Nov. 2
Force, H. H	7886	24	Nov. 15
Gonner, Augustus	7504	24	Jan. 4
Gibbens, W. J	7520	11	Jan. 11
Gibbs, J. C	7530	14	Jan. 20
Gillan, John	7540	27	Jan. 25
Gervich, John	7561	8	Feb. 11
Gillispie, G. M	7567	23	Feb. 18
Gould, Jno. W	7586	13	Mar. 2
Glover, J. M	7599	34	Mar. 5
Glover, E. A	7610	18	Mar. 15
Gillespie, C. H	7625	29	Mar. 31
Gueydan, G	7641	15	Apr. 8
Greisman, F. V	7658	11	Apr. 20
Giles, A. E	7677	30	May 1
Girod, C. C	7737	9	June 15
Graves, Isaac	7761	22	July 7
Garrity, John	7794	25	July 31
Goff, C. C	7815	32	Aug. 17
Giles, A. E., jr	7853	8	Oct. 5
Grant, George	7868	15	Oct. 25
Goodwin, J. B	7903	37	Nov. 29
Huffman, J. E	7505	9	Jan. 4
Hilton, Geo	7510	22	Jan. 5

Engineers—licensed New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
Halton, W. T	7523	13	Jan. 13
Hogg, G. E	7566	9	Feb. 17
Hall, T. H	7594	18	Mar. 3
Hartiens, L. C	7618	31	Mar. 24
Hanaway, S. J	7634	15	Apr. 5
Halliday, Jas. T	7643	24	Apr. 10
Hendry, M. B	7656	13	Apr. 19
Higbee, J. E	7667	17	Apr. 23
Hannon, R. W	7668	16	Apr. 24
Huyck, D. C	7691	26	May 10
Horan, Danl	7697	20	May 12
Higbee, G. F	7743	7	June 18
Holmes, T. J	7744	19	June 19
Huyck, C. A	7748	13	June 22
Hefferman, J. S	7777	8	July 17
Howard, Jno. J	7804	10	Aug. 7
Hall, A. V	7816	15	Aug. 17
Horton, Saml	7821	15	Aug. 25
Hatton, William	7828	20	Aug. 31
Holden. Edw	7872	24	Oct. 27
Harper, J. H	7896	35	Nov. 22
Hymel, A. L	7918	16	Dec. 7
Hutchinson, R	7921	24	Dec. 9
Ingersoll, D. E	7515	20	Jan. 9
Irving, Albert	7705	18	May 20
Irvine, W. J	7796	12	Aug. 2
Ingersoll, Wm	7913	19	Dec. 6
Jordan, James	7502	16	Jan. 4
Jeffrey, Robt	7517	7	Jan. 11
Johnson, O. B	7522	28	Jan. 12
Jenney, S. N	7559	31	Feb. 8
Johnson, N	7560	31	Feb. 9
Jourdan, A. S	7621	19	Mar. 26
Johnson, N. H	7657	17	Apr. 20
Johnson, Peter	7661	26	Apr. 22
Jones. F. P	7797	27	Aug. 3
Jeter, S. D	7925	22	Dec. 14
Johnston. J. P	7927	18	Do.
Kendall, P. F	7513	15	Jan. 9
Kendall, G. W	7541	17	Jan. 25
King, T. J	7558	16	Feb. 6
Ketchum, E. E.	7579	7	Feb. 26
Ketchum, J. E	7611	24	Mar. 16
Kornbacker, M. S	7617	9	Mar. 24
Knauer, Jno. N	7684	11	May 7
Kelly, John F	7740	31	June 16
King, Thos. F	7755	22	June 28
Kennedy, D. R	7790	22	July 28
King, S. P	7798	22	Aug. 3
Ketchum, Jacob	7901	21	Nov. 24
King, William	7912	37	Dec. 4
Laughlin, W. J	7574	7	Feb. 25
Laughlin, P. A	7766	6	July 10
Little, William	7768	25	July 12
Lawrence, W. P	7773	13	July 15
Lawrence, J. H	7787	11	July 23
Langhart, Jno	7835	16	Sept. 6
Love, Jos. J	7876	30	Nov. 1
Meyer, E. F	7535	10	Jan. 22
McNair, W. P	7545	5	Jan. 25
McNair, J. E	7688	12	May 7
Miller, Henry	7716	9	May 28
Murphy, Patk	7718	28	May 29
Martin, Edw	7741	11	June 17
McClain, Chas	7742	28	Do.
Mann, J. C	7753	13	June 23
Marsh, J. H	7760	10	July 6
Moore, F. E	7782	9	July 22
Miller, W. A	7789	20	July 26
McClelland, J. L	7795	15	July 31
Magers, J. M	7805	12	Aug. 9
McGlinsey, W. H	7860	9	Oct. 13
Mouton, Aleck	7920	11	Dec. 8
Newton, W. H	7544	9	Jan. 25
Neal, John	7550	11	Feb. 1
Nutting, Wm	7597	20	Mar. 5
Chief engineers (inland)—Continued.			
Newton, W. T	7714	5	May 27
Nichols, I. A	7739	16	June 15
Neanan, Jno. F	7788	10	July 24
Odom, George	7537	20	Jan. 23
Otte, Henry	7681	29	May 5
O'Brien, F., sr	7704	21	May 18
O'Keefe, Michael	7767	19	July 12
Peck, Nathan	7519	28	Jan. 11
Perault, J. C	7542	20	Jan. 25
Prince, George	7590	7	Mar. 3
Patten, S. S	7601	29	Mar. 8
Peterson, C. A	7622	14	Mar. 27
Petrie, Andrew	7647	14	Apr. 15
Palliser, F. G	7679	16	May 3
Pardo, F	7694	19	May 10
Powers, G. M	7703	25	May 18
Pulley, C. H	7747	27	June 22
Patterson, H. J	7765	9	July 10
Puckett, H. S	7808	8	Aug. 11
Porter, W. A	7848	20	Sept. 27
Pugh, W. D	7849	18	Do.
Pierce, Alton	7855	20	Oct. 8
Page, Robert	7870	6	Oct. 25
Quinn, Peter	7650	7	Apr. 16
Reno, Z. T	7506	15	Jan. 4
Roberts, J. W	7671	25	Jan. 27
Rossell, E. J	7675	7	Jan. 30
Rentrop, F. J	7735	18	June 14
Robins, A. M	7778	29	July 19
Rue, A. B	7837	36	Sept. 13
Reid, W. W	7869	23	Oct. 25
Rochel, W. I	7882	13	Nov. 8
Raynes, C. N	7887	23	Nov. 15
Rusconi, P	7905	17	Nov. 29
Rhodes, Jas. M	7922	3	Dec. 9
Raymond. J. T	7923	11	Do.
Robertson, W. T	7933	12	Dec. 21
Smith, Jas. L	7511	35	Jan. 5
Sanders, J. B	7572	19	Feb. 23
Shropshire. M. L	7591	28	Mar. 3
Smith, E. W	7595	16	Mar. 4
Sypher, A. J	7600	7	Mar. 6
Sammons, E. A	7607	13	Mar. 13
Sargent, L. H	7609	13	Mar. 15
Stewart, J. G	7620	13	Mar. 26
Scarborough, Jno	7638	16	Apr. 6
Shaw, M. W	7669	13	Apr. 26
Smith, M. H	7685	18	May 7
Sullivan, J. D	7695	21	May 10
Schroeder, Jno	7706	27	May 20
Simonds, T. H	7707	19	Do.
Stegall, C. C	7713	33	May 27
Smith, J. K	7717	8	May 28
Stanbridge, C	7731	4	June 9
Stiles, G. W	7746	16	June 21
Scanlan, Wm	7762	12	July 7
Simmonds, W. A	7793	15	July 31
Smith, J. M	7823	16	Aug. 26
Stewart, W. A	7854	31	Oct. 7
Seese, W. H	7867	22	Oct. 22
Smith, Chas	7873	22	Oct. 27
Smith, W. R	7880	22	Nov. 5
Schweizer, C. F	7890	25	Nov. 17
Strucke, Wm	7902	23	Nov. 26
Smith, T. M	7909	14	Dec. 4
Shad, R. M	7924	16	Dec. 13
Tindel, J. H	7552	10	Feb. 2
Tickell, Edw	7712	22	May 26
Trunzler, J. H	7751	20	June 22
Turner, B. F	7772	7	July 14
Tilden, Jos	7817	10	Aug. 17
Tinker, T. C	7851	18	Oct. 4
Tucker, Jas	7879	37	Nov. 4
Unsworth, Peter	7836	26	Sept. 9
Vernuelle, A. N	7606	26	Mar. 11
Waller, Morris	7516	15	Jan. 11

Engineers licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (inland)—Continued.			
White, B. S	7525	15	Jan. 15
Wilson, B. G	7536	6	Jan. 23
Waters, Jas	7588	31	Mar. 3
Wilkins, Jas	7635	33	Apr. 5
Weaver, J. S	7646	10	Apr. 14
Willoughby, D	7665	9	Apr. 22
Wenholz, F	7732	21	June 10
Wadsworth, G. M	7736	18	June 14
White, David	7812	33	Aug. 14
Wright, W. H	7829	27	Aug. 31
White, W. E	7885	7	Nov. 15
Wheat, J. H	7888	13	Do.
Withrow, R. B	7892	36	Nov. 18
Wire, D. G., jr	7942	3	Nov. 28
Yeardon, Thos	7570	26	Feb. 20
Youngblood, J. W	7727	21	June 4
Younger, J. A	7895	24	Nov. 20
Yeager, Wm	7916	11	Dec. 6
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Bell, Irwin A	7633	9	Apr. 5
Bragard, Louis	7636	11	Do.
Baker, Adam	7640	14	Apr. 7
Buhler, Max	7654	17	Apr. 19
Bookshier, C. O	7692	7	May 10
Benezech, H. X	7728	9	June 5
Bailey, W. L	7911	14	Dec. 4
Conley, J. W	7603	15	Mar. 9
Cavanna, E. L	7612	14	Mar. 16
Crochet, A	7845	16	Sept. 24
Clarke, G. A	7935	4	Dec. 21
Dangerfield, S	7807	21	Aug. 10
Daigle, M	7834	14	Sept. 6
Dalton, Jno	7852	10	Oct. 4
Eatmon, W. A	7602	12	Mar. 8
Eiserman, J	7604	9	Mar. 10
Engerran, Chas	7690	4	May 7
Fisher, J. F	7791	13	July 29
Fortins, H. B	7864	8	Oct. 20
Fortins, M. M	7900	14	Nov. 24
Green, W. C	7534	11	Jan. 22
Gashia, Jos	7616	12	Mar. 20
Gashia, R. L	7663	9	Apr. 22
Gentlucci, P	7666	11	Apr. 23
Gill, W. D	7840	11	Sept. 16
Guidroz, L	7847	10	Sept. 25
Hathcoat, T	7522	7	Jan. 12
Haley, Jno	7757	8	June 29
Hall, A. B	7780	8	July 20
Henderson, D	7800	9	Aug. 4
Hanson, Wm	7820	11	Aug. 23
Harvey, Wm	7838	9	Sept. 13
Heisser, T. P	7874	16	Oct. 28
Himel, E	7917	17	Dec. 7
Knight, G. W	7623	14	Mar. 27
Koch, Stanley	7722	13	June 2
Leonard, P	7639	7	Apr. 6
Longue, Charles	7700	9	May 15
Laws, H. H	7719	11	June 1
Le Blanc, C. J	7827	11	Aug. 30
Little, A. D. C	7899	15	Nov. 23
McCann, G. A	7546	9	Jan. 26
Morgan, R. L	7562	7	Feb. 13
Miller, Neal	7649	12	Apr. 15
Moore, P	7786	13	July 23
Monteith, W. L	7879	16	Nov. 4
Osbourne, J. C	7806	16	Aug. 10
Oston, Robert	7907	13	Dec. 2
Powers, J. E	7509	11	Jan. 5
Redding, J. F	7644	8	Apr. 12
Rider, A	7771	8	July 14
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Starts, C. E	7563	9	Feb. 13
Saucier, J. R	7578	10	Feb. 25
Scadlock, Jas	7775	15	July 17
Smith, F	7881	14	Nov. 5
Shultz, A. W	7895	6	Nov. 20
Trice, J. F	7637	4	Apr. 5
Tinker, W. B	7698	7	May 14
Torres, F. A	7708	13	May 21
Torres, T	7710	12	May 24
Toups, Taylor	7904	8	Nov. 29
Torres, A	7932	15	Dec. 21
Virgin, L. C	7693	8	May 10
Vincent, H	7738	16	June 15
Verlois, E. D	7786	16	July 23
Wood, Jas. C	7533	15	Jan. 21
Woods, T. J	7548	14	Jan. 30
Winship, T. H	7626	14	Mar. 31
Walters, Daniel	7696	15	May 10
First assistant engineers (ocean).			
Armshaw, Geo	6500	10	Sept. 16
Burns, James	6301	4	Jan. 2
Bruggy, Thomas	6325	6	Feb. 3
Brunold, Wm	6403	13	May 4
Babcock, B. C	6445	4	July 7
Baan, L	6467	4	Aug. 5
Breslin, Jas	7905	13	Sept. 24
Birks, Alfred	7921	4	Oct. 27
Black, A. S	7955	8	Dec. 24
Collins, B. J	6343	21	Mar. 5
Cox, Thos	6401	14	Apr. 30
Czar, John	6435	9	June 14
Durand, Louis	6354	21	Mar. 15
Dond, Chas	6424	19	June 1
Devlin, Edw	6471	9	Aug. 6
Dennis, E. J	7917	9	Oct. 18
Emery, Geo. W	6332	12	Feb. 16
Gorey, John H	6351	17	Mar. 12
Kelly, Thos., jr	7918	5	Oct. 23
Miller, Edw	6316	14	Jan. 22
Murray, Martin	6364	16	Mar. 23
Maher, Thos	6378	17	Apr. 8
McGinnis, J. J	6450	16	July 12
McAuslin, A	6466	4	Aug. 2
O'Brien, Jas	6389	13	Apr. 19
Parke, W. M	6428	5	June 5
Roberts, A. R	6337	16	Feb. 25
Shields, T. J	6345	4	Mar. 5
Smith, William	6352	18	Mar. 12
Shirlaw, G. W	6391	6	Apr. 20
Smith, F. J	6460	8	July 23
Turner, L	6394	7	Apr. 22
Thompson, Wm	6459	6	July 23
Wilson, A. E	6377	4	Apr. 7
Wilson, R. C	6395	7	Apr. 22
Walden, Wm	6419	7	May 25
Welsh, Edw	6492	15	Sept. 3
First assistant engineers (inland).			
Angers, Robt	6319	17	Jan. 30
Alpha, W. B	6439	16	June 22
Alpha, F. B	6449	4	July 12
Ancoin, P	7919	2	Oct. 25
Bobbs, C., jr	6315	11	Jan. 20
Blakeslee, H. G	6313	2	Do.
Blumer, A	6311	5	Jan. 19
Byron, L. E	6331	11	Feb. 15
Brussard, W. L	6344	6	Mar. 5
Ball, Wm	6361	6	Mar. 22
Burke, Wm	6379	7	Apr. 10
Brown, L. P	6387	5	Apr. 15

Engineers licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers (inland)—Cont'd.			
Bolen, R. H	6399	12	Apr. 27
Beck, Frank	6404	7	May 4
Brannan, Jas	6409	3	May 11
Bowman, C. D	6417	15	May 24
Bowie, H. J	6422	13	May 31
Behrens, H	6433	17	June 9
Booth, E. P	6434	2	June 14
Barbour, C. A	6444	4	July 7
Brooks, Geo. W	6448	4	July 12
Baker, Thos	6453	6	July 17
Burnett, J. T	6455	3	July 20
Buckholz, J	6457	6	Do.
Bradley, F. J	6464	6	July 29
Bobb, W. T	6478	7	Aug. 17
Briggs, R	6491	19	Aug. 31
Burrows, Jos	7902	11	Sept. 20
Burniff, E	7927	5	Nov. 2
Buce, J. F	7938	2	Nov. 22
Brown, J. J	7949	10	Dec. 9
Chamberlain, E. L	6303	11	Jan. 5
Clark, Jno	6309	11	Jan. 18
Covert, J. L	6312	1	Jan. 19
Compere, J. C	6318	1	Jan. 30
Creed, J. J	6347	1	Mar. 9
Castleberry, H. D	6368	8	Mar. 26
Constantin, J	6393	5	Apr. 22
Crawford, Geo	6397	16	Apr. 24
Calhoun, T. J	6406	16	May 7
Conner, J. O	6414	18	May 22
Cartie, R	6415	5	Do.
Chambers, C. J	6418	6	May 24
Callow, Thos	6446	14	July 10
Carlin, Ross	6475	2	Aug. 10
Cole, A. E	7920	7	Oct. 26
Christy, G., jr	7928	6	Nov. 4
Cowden, L. D	7952	1	Dec. 16
Dezanche, A	6380	11	Apr. 12
Douglas, D. C	6388	7	Apr. 16
Dennes, Jos	6221	6	May 31
Damonte, R	6430	17	June 5
De Haven, F	6490	16	Aug. 31
Demoreselle, A	6497	7	Sept. 7
Dorr, H	7903	25	Sept. 21
Demarest, E	7913	5	Oct. 12
Drews, W., jr	7922	4	Oct. 27
Deegan, J. F	7925	7	Oct. 28
Debinder, C	7931	1	Nov. 11
Dale, W. R	7961	3	Dec. 31
Evans, W., jr	6381	15	Apr. 13
Felterman, E	6327	14	Feb. 9
Fitch, H. W	6371	1	Apr. 1
Fisher, J. Q	6390	15	Apr. 20
Friar, C. I	6392	1	Apr. 22
Fletcher, C	6408	8	May 10
Francis, M. W	6407	16	Do.
Fortier, Ed	6465	4	July 31
Frere, E. V	6469	9	Aug. 4
Foster, Wm	7914	15	Oct. 13
Guess, C. M	6326	1	Feb. 4
Garland, E	6329	2	Feb. 15
Gashia, C	6346	6	Mar. 6
George, L. J	6426	13	June 1
Gerard, C. A	6476	3	Aug. 12
Green, G. H	6495	7	Sept. 6
Gonner, A	7932	3	Nov. 11
Geisler, Wm	7936	3	Nov. 20
Gisch, H. D	7941	4	Nov. 24
Golloher, C. H	7942	2	Nov. 26
Houtihan, D	6310	9	Jan. 19
Hill, Nick	6320	15	Feb. 1
Hicks, W. W	6375	4	Apr. 5
Hoff, Henry	6400	23	Apr. 27
Higbee, H. R	6451	10	July 12
Hastings, O. W	6484	1	Aug. 25
Hay, F. R	6486	21	Aug. 30
Harrison, Oliver	6488	1	Do.
Huffman, A. J	7904	3	Sept. 22
First assistant engineers (inland)—Cont'd.			
Henry, J. B	7906	6	Sept. 25
Henderson, J. N	7916	5	Oct. 16
Haitiens, L. A	7945	3	Oct. 27
Henghen, W	7951	1	Dec. 16
Jeffrey, Alex	6338	7	Feb. 26
Jay, M. W	6463	1	July 28
Jay, W. T	6482	5	Aug. 24
Jenkins, J. H	6483	7	Aug. 25
Jones, T. A	6496	4	Sept. 7
Jordon, J. W	7915	6	Oct. 14
Johnson, N. G	7943	3	Nov. 26
Kennedy, O. A	6314	23	Jan. 20
Kearns, Ben	6323	4	Feb. 3
Keller, H. R	6366	13	Mar. 23
Ketterson, W. J	6410	4	May 12
Kaelin, A. S	6412	14	May 13
Kain, Jno. F	6470	8	Aug. 6
Knight, Z. T	6480	19	Aug. 19
Kramer, P. L	6489	6	Aug. 30
Kern, Louis	7928	9	Dec. 14
Kern, Harmon	7950	7	Dec. 16
Laughlin, P. A	6335	5	Feb. 23
Lee, Robt. E	6336	5	Feb. 25
Lanceaks, C. D	6369	8	Mar. 26
Layne, J. W	6374	5	Apr. 5
Le Normand, F	6384	5	Apr. 13
Lynch, Thos	6420	14	May 27
Ledet, E	6454	1	July 17
Langdon, L. J	6477	13	Aug. 14
Luckett, G. B	7934	12	Nov. 16
Muntz, Jno	6321	5	Feb. 3
Muntz, P., jr	6341	20	Mar. 4
Miller, H. C	6353	7	Mar. 15
McColeman, Jno	6423	25	May 31
Michael, W. J	6436	2	June 16
McNeely, P. J	6441	1	June 24
Marquez, W. E	6462	1	July 28
McMurray, H	6493	17	Sept. 6
McGary, John	6498	17	Sept. 9
Maloney, J. E	7940	15	Nov. 23
Metz, Christian	7948	7	Dec. 4
Neal, J. W	6437	4	June 18
Neill, W. P	6443	5	July 1
North, B. G	6487	2	Aug. 30
O'Brien, F., jr	6474	5	Aug. 10
Ponds, R. A	6308	1	Jan. 15
Postlewaite, Wm	6363	23	Mar. 23
Petit, Samuel	6383	5	Apr. 13
Prince, H. A	6398	5	Apr. 27
Pendergrast, J. P	6405	1	May 5
Poché, Alexis	6452	5	July 12
Powers, C. W	7909	2	Oct. 1
Porterfield, W. C	7956	2	Dec. 27
Reynolds, W. J	6328	11	Feb. 9
Richards, C. E	6358	15	Mar. 18
Rice, J. S	6367	16	Mar. 25
Riley, S	6425	8	June 1
Rolfs, Geo., jr	6434	11	June 21
Rolfs, A. S	6440	3	June 22
Rolards, C. L	6442	4	June 28
Rolfs, T. H	6499	10	Sept. 9
Riley, Jas	7908	16	Sept. 28
Rentrop, A. A	7911	3	Oct. 9
Rochenschuk, A	7912	5	Oct. 11
Rolfs, W. A	7933	1	Nov. 15
Raymond, Jos	7937	8	Nov. 20
Kinz, T. A	7953	16	Dec. 17
Simpson, A. J., jr	6302	19	Jan. 4
Saunders, H. H	6306	17	Jan. 12
Summe, G. H	6330	4	Feb. 13
Stanbridge, C	6334	3	Feb. 23
Shaw, H. M	6340	9	Feb. 27
Schuler, J. A	6342	4	Mar. 5
Saunders, T. W	6348	16	Mar. 10
Schafer, B. F	6372	9	Apr. 2
Stewart, C. L	6411	6	May 12
Smith, W. F	6413	4	May 14

Engineers licensed—New Orleans, La.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineers (inland)—Cont'd.			
Smith, A. T	6432	5	June 9
Smith, F. H., jr	6431	6	Do.
Schneider, Jacob	6472	3	Aug. 7
Smith, Geo. E	6481	1	Aug. 23
Smith, H. S	6494	13	Sept. 6
Sherwood, J. R	7923	1	Oct. 27
Stockman, D	7947	2	Dec. 4
Schlumbrecht, J. A	7954	12	Dec. 23
Sofford, N. P	7959	6	Dec. 29
Tucker, Thos	6349	11	Mar. 10
Tierney, W	6385	1	Apr. 14
Todd, M. K	6402	3	Apr. 30
Thomas, Jas	6468	12	Aug. 3
Trapp, Frank	7924	12	Oct. 28
Van Tuyl, F. W	7929	2	Nov. 6
Worrel, J. L	6304	13	Jan. 9
Woods, Richard	6505	30	Jan. 11
White, Robt	6357	6	Mar. 18
Wenholz, H. H	6362	5	Mar. 22
Wickes, Jno	6376	8	Apr. 6
Williams, H. M	6427	5	June 1
Watkins, Geo	6479	19	Aug. 17
Weaver, A. L	7957	16	Dec. 29
Wilson, John	7958	5	Do.
Wylie, F. J	7960	20	Dec. 31
Second assistant engineers (ocean).			
Black, Geo. W	6317	8	Jan. 26
Blackburn, Thos	6339	1	Feb. 27
Borne, F., jr	6485	2	Aug. 28
Clark, G. F	6350	16	Mar. 12
Conner, R	6370	4	Mar. 30
Dreibholz, W. J	6333	4	Feb. 19
Donahue, H	6365	7	Mar. 23
Drumm, C. F	6473	7	Aug. 9
Donald, Peter	7944	12	Nov. 26
Di Negro, A. L	7946	2	Dec. 3
Epping, Chas	6307	13	Jan. 15
Goodlad, A	7907	2	Sept. 28
Hall, R. F	6373	2	Apr. 5
Hayes, Wm	6396	11	Apr. 23
Heckmann, Edw	6461	7	July 26
Hosung, C. H	7940	2	Nov. 23
Killian, E. C	6359	12	Mar. 19
Kevlin, J. R	6360	3	Do.
McCoy, Wm	6428	8	June 2
McDonald, Jno	6458	10	July 22
Markey, Jos	7926	16	Oct. 30
Nolan, J. M	6356	4	Mar. 17
O'Brien, Edw	6382	5	Apr. 13
Pitfield, O. A	6416	12	May 24
Second assistant engineers (ocean)—Cont'd.			
Perkins, Jno	6456	4	July 20
Park, James	7930	5	Nov. 8
Regan, J. J	6355	1	Mar. 15
Roupé, Jno	7901	1	Sept. 16
Rumnel, Henry	7910	6	Oct. 5
Third assistant engineers (ocean).			
Brown, James	7935	12	Nov. 17
Lewis, N. J	6447	3	July 10
Pederson, Jno	6324	5	Feb. 3
Thorsoe, Carl	6386	2	Apr. 15
Special engineers.			
Blanton, M	3808	6	Apr. 6
Bourdeaux, J. E	3811	2	May 6
Benson, Andrew	3824	1	July 26
Badeaux, Henry	3825	3	Aug. 2
Bailey, L. L	3826	4	Aug. 12
Berendsohn, A	3830	5	Oct. 13
Cook, Chas	3812	4	May 7
Curran, J. S	3822	1	July 19
Daigle, A	3801	4	Jan. 9
Dawson, Chas	3804	14	Feb. 15
Dammon, J. W	3819	2	July 3
Grand, John	3805	1	Feb. 15
Gaines, C. A	3809	2	Apr. 9
Green, Geo. H	3823	7	July 26
Heno, Emile	3813	5	May 10
Jones, Samuel	3834	2	Nov. 11
Le Blanc, A. J	3828	5	Aug. 24
Ledet, Arthur	3829	2	Sept. 6
Lawes, W. S	3835	3	Nov. 12
Little, A. J	3837	1	Dec. 13
Moynan, W. H	3803	4	Jan. 16
Morgan, George	3816	6	Apr. 30
Mitchell, P. E	3820	5	July 7
Myles, F. F	3821	1	July 12
Miller, Michael	3831	2	Oct. 16
Palfrey, C., jr	3815	1	May 18
Phillips, T. J	3817	7	June 3
Pribble, W. C	3818	3	June 23
Perrett, Peter	3827	6	Aug. 17
Pavey, C. L	3832	2	Oct. 21
Rice, Geo. G	3802	4	Jan. 12
Roth, Geo., jr	3807	8	Mar. 15
Rusk, Edw. D	3833	2	Oct. 25
Smith, C. H	3814	5	May 12
Toups, Jos. O., jr	3836	5	Nov. 29
Watkins, Henry	3806	4	Mar. 15

LOCAL DISTRICT OF MOBILE, ALA.

Masters licensed during the year ended December 31, 1897—Mobile, Ala.

Name.	No. of license.	No. of issue.*	Date of issue.
Brown, R	11386	2	May 3
Bertha, W. J	11399	17	May 22
Eanes, W. M	11412	6	July 20
Finnegan, O	11376	23	Apr. 19
Jorgenson, R	11372	4	Apr. 14
King, H. E	11434	14	Sept. 8
King, G. F	11466	7	Nov. 19
Moore, J. H	11393	3	May 13
Moore, J. H	11424	18	Aug. 20
O'Keefe, E. J., sr	11439	1	Sept. 18
Pettus, W. O	11438	3	Do.
Peppers, E. D	11451	18	Oct. 15
Stone, T. D	11334	15	Feb. 10
Stevenson, W. T	11469	8	Dec. 1
Seay, J. J	11475	13	Dec. 20
Thomason, M. D	11305	2	Jan. 9

* Number of issue of current grade and the number of issues of all grades.

Masters and pilots licensed during the year ended December 31, 1897—Mobile, Ala.

Name.	No. of license.	No. of issue.	Date of issue.
Allen, W. H	11307	13, 16	Jan. 9
Askegran, C. H	11344	12	Feb. 23
Aiken, I. H	11351	13	Mar. 3
Anderson, F. M	11371	16	Apr. 12
Alberts, J	11373	8	Apr. 14
Atwood, S. A	11389	26	May 7
Ainsworth, G. W	11445	2	Oct. 1
Anderson, G	11473	12, 18	Dec. 18
Bartee, J. P	11322	16, 35	Jan. 27
Bugge, S. H	11323	6	Do.
Bartee, C. T	11324	14	Jan. 29
Barrow, W. G	11342	18	Feb. 18
Baker, W. H	11345	9	Feb. 25
Battelle, R	11353	15	May 8
Barnes, T. Q	11362	17, 20	Apr. 1
Brown, C. H	11379	21	Apr. 25
Boghich, F. A	11381	13	Apr. 27
Black, J	11385	25, 37	May 3
Black, A	11408	23, 33	July 13
Bowen, J. W	11410	3	July 15
Benton, T. H	11441	9, 14	Sept. 24
Bartee, L. M	11461	8, 31	Nov. 8
Casper, S	11312	12	Jan. 12
Cosgrove, P. L	11326	6	Jan. 30
Clark, W. R	11350	11	Mar. 3
Clark, J	11359	15, 17	Mar. 26
Coulter, H. E	11364	16, 20	Apr. 5
Convy, D	11374	10	Apr. 16
Craft, J. N	11391	17	May 10
Clark, J. E	11427	8	Aug. 26
Condon, T., jr	11428	1, 3	Sept. 3
Clifford, S. L	11444	2	Oct. 1
Caro, T. S	11446	2	Do.
Caro, G. W	11447	9	Oct. 2
Carter, G. W	11454	18	Oct. 16
Coster, B. J	11465	17	Nov. 19
Davis, I. R	11316	10, 14	Jan. 16
Durant, A. J	11319	2, 14	Jan. 22
Dotson, P. L	11325	4, 20	Jan. 30
Devis, A. L	11331	4	Feb. 9
Dunwody, B	11388	5, 10	May 6
Dorgan, J. A	11395	16	May 13
Dailey, W. P	11411	3, 10	July 20
Deering, T. A	11414	19	July 26
Delmas, J. E	11422	21	Aug. 20
Dunn, J. J	11430	4	Sept. 3
Dunn, F. M	11450	4	Oct. 12
Dennis, T	11452	12	Oct. 15
Dabney, J. S	11471	8	Dec. 8
Eldredge, E. D	11337	12	Feb. 13
Elliott, B. H	11400	5	June 4
Elliott, G. S	11433	9	Sept. 8
Eldredge, E. H	11468	21	Nov. 30
Forbes, P	11330	14	Feb. 9
Fauria, M. J	11369	22	Apr. 8
Foster, J. G	11377	13	Apr. 19
Ferguson, A. D	11419	20	Aug. 19
Foster, E. L	11431	2, 5	Sept. 4
Flinn, J. M	11435	25	Sept. 9
Gause, S. T	11302	5	Jan. 4
Grant, H. K	11306	13	Jan. 9
Gillingham, S. W	11328	20	Feb. 1
Gould, G. H	11332	15	Feb. 9
Griffin, L	11390	12	May 7
George, W	11477	13	Dec. 27
Hodgkins, D. P	11329	9	Feb. 5
Hyndman, E	11338	12	Feb. 13
Henderson, R	11343	10	Feb. 23
Harris, W. P	11349	1, 3	Feb. 27
Harrub, J. E	11368	2, 4	Apr. 5
Hewson, M. J	11406	12	June 22
Hannah, J	11416	15	Aug. 2
Hurd, M	11476	16	Dec. 27
Hurd, E	11478	15	Do.
Jackson, M. T	11333	9	Feb. 10
Johnson, J. R	11354	6	Mar. 13
Jones, W. W	11402	15	June 9
Jones, T	11449	5	Oct. 12
Johnson, C. L	11463	14, 29	Nov. 15
Jackson, J. W	11474	13, 26	Dec. 20
Kaustman, G	11315	18	Jan. 15
Keith, C. R	11321	9	Jan. 25
Kolmeitz, F. N	11397	13	May 20
Kirkpatrick, J. D	11403	5	June 9
Keene, L. J	11413	11	July 20
Kannan, J	11425	10	Aug. 25
Kannan, J. W	11467	13	Nov. 25
Loftis, C. E	11310	1, 9	Jan. 11
Lindstrom, J. O	11361	16	Mar. 30
Levin, L	11365	4	Apr. 5
Le Gette, J. W	11366	13, 16	Do.
Le Follette, E. G	11382	14	Apr. 27
Langley, J. M	11392	11	May 11
Lawrance, G. A. R	11415	8	July 31
Lumsden, F. A	11420	18	Aug. 19
Lyle, V. R	11421	12	Do.
Magruder, G. H	11313	4, 10	Jan. 10
Murray, J., sr	11317	16, 18	Jan. 18
Miner, H	11336	12, 15	Feb. 12
McQuarie, L	11339	16	Feb. 15
Morrell, W. T	11340	10	Do.
McCoy, J	11352	22	Mar. 4
Miller, J	11401	14	June 9
Murray, J. M	11404	15	June 15
Martin, D. W	11407	3	July 3
McDowell, J. W	11417	14	Aug. 4
Morris, Z. T	11418	13	Aug. 19
McFarlane, J. H	11423	9	Aug. 20
Mobley, J. B	11458	5, 15	Oct. 30
Nordop, B	11347	14	Feb. 27
Neilson, O	11396	13	May 20
Northup, W. H	11455	17	Oct. 27
O'Neal, J. W	11301	16	Jan. 2
Olsen, P. K	11335	8, 11	Feb. 12
O'Leary, J. H	11341	9, 11	Feb. 18
Olsen, A	11432	17	Sept. 4
Olsen, A	11456	4	Oct. 26
O'Neal, W	11462	17	Nov. 9
Perry, E	11360	1	Mar. 26
Pinder, W. L	11409	3, 4	July 13
Pettus, W. T	11442	12, 19	Sept. 24
Quill, J	11384	26	May 3
Randlett, W. A	11314	16	Jan. 14
Rea, W	11358	4	Mar. 23
Roberts, J. B	11387	11, 13	May 5
Rocheblave, B	11437	9	Sept. 12
Reid, J. T	11470	14	Dec. 2
Sibley, O	11303	11	Jan. 4
Stone, A. J	11304	5, 23	Do.
Scholls, W. H	11308	14	Jan. 9
Shillito, G. W	11309	7, 14	Do.
Stone, J. W	11311	24	Jan. 12
Stone, T. O	11327	10, 22	Feb. 1
Stewart, J. A	11348	17	Feb. 27
Seymour, H. J	11357	12	Mar. 23
Sharet, G. E	11363	13	Apr. 5
Smith, J	11367	17	Do.
Stone, F. S	11375	23	Apr. 17
Spotswood, M. B	11380	13	Apr. 26
Scull, A. C	11382	13	May 1
Stilphen, J. H	11426	2	Aug. 26
Saunders, E. E	11429	19	Sept. 3
Sutherland, J. C	11436	11	Sept. 9
Spotswood, W. C	11443	15	Oct. 1
Stokes, J	11459	14	Oct. 30
Smith, S	11464	4	Nov. 17
Torrey, A. H	11318	7, 14	Jan. 20
Travis, A	11320	4, 15	Jan. 22
Tindal, P. M	11378	18	Apr. 25
Thomas, T. B	11453	15	Oct. 16
Torris, A	11457	10	Oct. 29
Trott, R	11460	17	Nov. 1
Tompkins, C. S	11472	11	Dec. 11
Urie, H. C	11355	14	Mar. 20
Webb, G. D	11346	14	Feb. 25
Wright, H	11356	20, 28	Mar. 23
Wilson, D	11370	15	Apr. 8
Warren, H	11394	13	May 14
Williams, J. N	11398	20	May 21
Wells, C. H	11405	13	June 17
Wainwright, W. W	11440	12	Sept. 21
Wilson, W. H	11448	15	Oct. 2

Chief mates licensed during the year ended December 31, 1897—Mobile, Ala.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Aiken, J. G	1505	8	June 19	Evans, E. C	1510	13	Oct. 20
Baine, R. K	1502	10	Mar. 11	Edgecomb, E	1511	5	Nov. 11
Bauditech, F	1504	2	June 9	Olsen, O. F	1507	4	Aug. 23
Conning, P	1503	3	Do.	O'Keefe, E	1508	2	Sept. 4
Cox, A. S	1509	9	Sept. 24	Trott, P. F	1501	9	Jan. 18
Dorr, H. A	1506	3	July 19				

Pilots licensed during the year ended December 31, 1897—Mobile, Ala.

First-class pilots.				*Second-class pilots—Continued.*			
Anderson, O. P	5324	6	June 12	Connelly, J	5326	9	May 20
Anderson, F	5325	6	July 1	Clark, O. F	5329	5	June 3
Bledsoe, G. L	5308	9	Mar. 3	Chastant, A. T	5331	8	June 11
Bazzell, W	5311	2	Mar. 25	Cummins, G. L	5336	2	July 31
Bludworth, P	5331	11	Sept. 18	Clemmons, A. D	5343	1	Sept. 6
Brown, R. P	5337	21	Nov. 25	Clark, J. J	5349	2	Oct. 20
Cuthbert, W. D	5340	3	Dec. 20	Coulson, T. A	5352	11	Nov. 5
Dorgan, E	5309	2	Mar. 11	Daiden, W. T	5304	3	Jan. 8
Davis, J. L	5332	4	Oct. 2	Dannelly, J. E	5305	3	Jan. 11
Davis, W	5335	9	Oct. 27	Dantzler, J. E	5308	2	Feb. 2
Dorgan, T	5336	1	Nov. 3	Dixonson, K	5316	9	Mar. 23
Gorner, A. L	5301	14	Jan. 5	Drummond, T. F	5335	1	July 17
Gliddon, J. S	5302	4	Jan. 16	Dempsey, P. J	5356	4	Dec. 20
Garnett, M. J	5312	17	Mar. 25	Eaton, F. W	5319	1	Mar. 30
Greenwood, B	5326	10	July 26	Friar, J. I	5317	1	Mar. 24
Gates, F	5334	9	Oct. 7	Fremont, E. W	5327	1	May 27
Hansen, H. T	5330	6	Sept. 2	Hansen, H. H	5312	2	Mar. 10
James, H. C	5315	11	Apr. 12	Holbrook, T. B	5313	4	Mar. 11
Jordon, H	5318	3	May 7	Henken, T	5318	2	Mar. 25
Jensen, A. L	5321	5	May 26	Hunt, A. L	5322	2	Apr. 22
Jenkens, J. D	5327	8	July 26	Harvey, C	5324	4	Mar. 13
Johnson, C. L	5328	2	Aug. 1	Hogan, L. W	5337	3	July 31
Jackson, E. G	5339	9	Dec. 2	Hartley, D	5339	6	Aug. 3
Kimball, A	5305	2	Feb. 23	Harvey, P	5342	1	Aug. 20
Lindstrom, A	5310	3	May 12	Henken, H	5357	6	Dec. 20
Lynch, W. J	5340	5	Dec. 20	Lanius, M	5302	1	Jan. 6
Mayo, J	5306	11	Feb. 11	Lyons, O. B	5314	2	Mar. 11
Miller, E. J	5316	9	Apr. 13	Leinhard, F	5332	14	June 22
Martenez, J	5323	2	June 7	Mitchell, L. C	5301	8	Jan. 4
Miller, C	5329	2	Aug. 11	McLean, P. W	5303	2	Jan. 8
Peidevent, M. J. L	5307	7	Feb. 25	Moran, F. D	5309	4	Feb. 23
Peterson, J. C	5317	10	Apr. 27	McCabe, J	5321	1	Apr. 19
Patrick, J. L	5320	7	May 18	Moreno, A. G	5340	6	Aug. 3
Riley, T	5303	4	Jan. 23	McMillan, B. F	5347	6	Oct. 6
Rowe, J. M	5322	7	May 27	McMillan, T. M	5348	13	Oct. 13
Railey, P. L	5333	3	Oct. 6	Mason, J. A	5351	3	Nov. 5
Rutherford, W	5338	42	Nov. 26	Owens, W. J	5307	12	Jan. 15
Torris, T	5319	4	May 13	Peterson, C	5333	7	July 7
Walker, J. B	5304	20	Jan. 25	Roberts, B	5306	10	Jan. 14
Wolfe, H. S	5313	1	Mar. 26	Stuckey, J. A	5310	5	Mar. 3
Walter, H	5314	11	Apr. 8	Sibley, E. W	5311	4	Mar. 8
				Soderstrom, A	5320	5	Apr. 6
Second-class pilots.				Shaw, S	5328	3	June 1
				Swan, G. J	5330	5	June 4
Armstrong, A. C	5355	6	Dec. 20	Sullivan, J. T	5345	10	Sept. 15
Barbour, G. W	5315	4	Mar. 23	Swain, D. T	5350	3	Oct. 19
Borg, H	5334	1	July 10	Woods, H. L	5325	3	May 18
Bauler, C	5341	8	Aug. 4	Wise, T. F	5338	8	Aug. 2
Burlinson, H. H	5344	5	Sept. 7	Young, W	5323	7	Mar. 6
Boyle, J. M	5346	1	Sept. 16	Yarbrough, F. W	5354	2	Nov. 30
Barlow, S. A	5355	12	Nov. 30				

Joint pilots and engineers licensed during the year ended December 31, 1897—Mobile, Ala.

Boghich, M. L	2004	2	May 24	Hartley, James, jr	2011	4	Oct. 13
Crampton, F. J	2012	6	Oct. 13	Maxwell, John D	2003	2	May 22
Daugherty, John	2002	1	May 5	Morris, Lee E	2008	6	July 10
Davis, Frank P	2010	6	Aug. 3	Peterson, Peter	2006	7	June 23
Frantz, George	2007	5	July 8	Touro, C. T	2005	8	June 3
Howard, Harry T	2001	5	May 5	Welch, John A	2009	5	July 31

Engineers licensed during the year ended December 31, 1897—Mobile, Ala.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean).			
Andrews, Daniel W	11900	21	June 29
Boyle, F. M	11805	10	Jan. 9
Bowes, Jno. J	11823	23	Jan. 27
Bell, Gilbert S	11834	8	Feb. 10
Batchelder, George T	12411	15	Aug. 11
Bourchman, A	12443	3	Dec. 27
Cooley, Walter S	11804	2	Jan. 6
Connolly, Richard	11836	17	Feb. 17
Crosby, Charles H	11849	13	Mar. 18
Courier, William	11879	8	Apr. 15
Castenera, Frank B	11886	5	May 13
Cocklan, Cornelius J	12426	10	Nov. 2
Coulson, Henry D	12435	6	
Durant, Wm. M	11864	13	Apr. 13
Davis, Joseph L	11895	32	June 10
Dunn, John J	12437	13	Dec. 6
Ellis, James M	12410	11	Aug. 5
Fowler, Cornelius N	11890	22	May 29
Grosehewer, William	11801	1	Jan. 2
Gager, Lee E	11863	2	Apr. 8
Golay, Albert A	11888	14	May 27
Huley, Eugene L	11853	3	Mar. 23
Hunnerwell, G. M	11856	4	Mar. 29
Hagan, William B	11860	12	Apr. 8
Hendrickson, M	11869	8	Apr. 15
Haley, Henry C	11872	3	Apr. 19
Hyde, John	11879	3	May 1
Ham, Edward H	11887	17	May 18
Jones, Theodore	11812	8	Jan. 16
Kaiser, William	11876	10	Apr. 27
Kimball, Lee E	12429	12	Nov. 13
Murray, Barney	11816	27	Jan. 18
McClintock, W. G	11825	17	Feb. 1
McGovern, Michael	11827	24	Feb. 2
Moore, Charles B	11882	5	May 10
Morrill, William T	12427	17	Nov. 2
McGonigal, D	12431	23	Nov. 17
Mertins, F. R	12439	3	Dec. 11
Northup, Eugene H	12405	5	July 12
O'Keeffe, Michael	11868	11	Apr. 14
O'Connell, Jno. C	11883	5	May 10
Powers, J. A	12408	1	July 27
Reites, John	11837	8	Feb. 19
Railey, O. L	11862	2	Apr. 8
Sweeney, James L	11802	10	Jan. 4
Stober, David N	11819	3	Jan. 25
Sherry, John	11822	12	Jan. 27
Schwermann, Charles	11838	3	Feb. 19
Steber, John	11854	26	Mar. 25
Salvant, Jackson B	11865	3	Apr. 13
Sheehan, David	12432	17	Nov. 17
Thompson, J., jr	12412	22	Aug. 18
Wilson, Henry	11803	9	Jan. 4
Woodland, Thomas W	11835	17	Feb. 10
Wilson, John E	12402	7	July 6
Wilson, George	12409	10	Aug. 2
Chief engineers (inland).			
Alexander, Wm. A	11889	17	May 28
Armstrong, A. C	12442	18	Dec. 2
Bowes, Thomas B	11820	9	Jan. 25
Burtleson, P	11832	11	Feb. 6
Bellimore, Charles L	11852	15	Mar. 22
Benjamin, F., sr	11885	25	May 11
Barry, William	12421	11	Oct. 19
Crossland, Wm. B	11824	11	Jan. 29
Chisholm, A. J	11848	22	Mar. 13
Cummins, Martin H	11877	2	Apr. 28
Craft, John N	11884	28	May 10
Coor, Walter T	12461	21	July 5
Coffin, Frank	12415	12	Sept. 30
Croft, John B	12417	14	Oct. 5
Croft, C. D	12433	18	Nov. 26
Coulson, Thomas A	12434	18	Do.
Day, Thomas N	12413	2	Sept. 23
Davis, Jonas C	12438	9	Dec. 11
Chief engineers (inland)—Continued.			
Ekston, James G	11842	12	Feb. 24
Farnsworth, Wm. W	11815	11	Jan. 18
Graham, T. S	11841	12	Feb. 23
Gunning, Daniel R	11896	14	June 15
Groom, James W	11897	21	June 16
Harriett, J. W	11826	7	Feb. 2
Higgins, C. A	11894	12	June 10
Illingworth, John	12425	20	Oct. 30
Johnston, James R	11850	6	Mar. 18
Jackson, Peter G	12428	7	Nov. 2
Knox, Archie C	11861	5	Apr. 8
Kopf, James H	12441	3	Dec. 20
Langley, Frank	11840	20	Feb. 23
Liverman, W. B	11857	18	Apr. 5
Langley, J. A	12430	20	Nov. 13
McGraw, Thomas	11806	23	Jan. 9
McKibbon, John	11845	5	Mar. 1
Murray, Thomas H	11846	1	Mar. 8
Meyers, Lemuel	12418	1	Oct. 7
O'Connor, J. J	11855	10	Mar. 27
O'Brien, Eugene	11881	17	May 1
Otis, Edward H	12414	19	Sept. 27
Pereira, John J	11829	13	Feb. 5
Pugh, William H	12423	19	Oct. 27
Quill, Patrick	12422	5	Oct. 25
Redwood, C. C	11844	11	Oct. 24
Ross, W	11847	18	Mar. 11
Reiley, P	11851	12	Mar. 18
Ruter, Charles R	12416	15	Oct. 1
Reid, Thomas	12424	19	Oct. 29
Strill, George W	11828	17	Feb. 5
Southworth, C. E	11831	16	Do.
Smith, James	11858	14	Apr. 5
Smith, James M	11891	24	June 3
Stockley, George C	12404	10	July 12
Sanford, William T	12407	21	July 21
Torrence, Robert N	11811	2	Jan. 16
Tomb, W. H	11866	25	Apr. 13
Torrence, J. A	12403	3	July 9
Taylor, H. L	11871	7	Apr. 15
Turner, M. Harvey	12419	17	Oct. 8
Vernewelle, Green	11893	9	June 3
Vernewelle, Alex	12420	18	Oct. 9
Vernewelle, Danl. H	12436	9	Dec. 4
Willis, Elijah H	11808	29	Jan. 12
Walker, Aaron P	11878	12	Apr. 30
Wheatley, J. H	12440	1	Dec. 13
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Angelo, Joseph	6777	2	Oct. 29
Buerger, Henry M	6715	6	Jan. 25
Blaize, R. S	11818	1	Jan. 22
Blumer, J. Henry	6776	10	Apr. 26
Clark, Henry	11809	16	Jan. 13
Clark, W. H	11839	1	Feb. 20
Dantzler, D. J	11810	3	Jan. 14
Grant, Hilair K	11807	17	Jan. 9
Garrigas, W. A	11830	8	Feb. 5
Green, Geo. C	11892	3	June 3
Gautier, Adam	6785	4	Dec. 20
Hays, James W	6709	7	Jan. 15
Hogan, Louis W	6724	4	Mar. 11
Irwin, William H	6714	4	Jan. 22
Johnson, Charles G	6788	18	Dec. 22
Jackson, Andrew	6782	4	Dec. 3
Keyser, Charles C	11875	2	Apr. 27
Leinhard, Fritz	11899	18	June 22
Locke, Henry G	6784	2	Dec. 11
McConnell, J. W	6720	6	Feb. 9
McCullagh, J. R	11874	2	Apr. 27
McVey, John N	11880	7	May 1
Miller, Rousau	11898	3	June 22
McMillan, B. F	6753	10	July 7
McMillan, F. M	6773	15	Oct. 14

Engineers licensed—Mobile, Ala.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Morris, Vance	6779	7	Nov. 15
Noles, J. L	12406	3	July 14
Renfro, J	11821	3	Jan. 25
Roberts, Beauregard	11833	14	Feb. 9
Remy, William	6716	4	Jan. 27
Richard, E ward	6737	6	Apr. 5
Russell, Robert B	11873	10	Apr. 25
Rusk, O. L	6758	8	Aug. 2
Remy, John	6780	15	Nov. 26
Swanson, J	11813	4	Jan. 16
Sweeney, Clarence	11814	4	Jan. 18
Schuster, H	11859	3	Apr. 5
Sherry, Joseph M	11867	4	Apr. 14
Sheehan, J	6750	4	June 15
Scholls, Charles E	6765	3	Sept. 10
Thomas, Abraham	6704	14	Jan. 9
Throssell, K. E. N	11843	1	Feb. 24
Tatom, Abel F	6749	11	June 9
Terris, Louis	6766	2	Sept. 15
Walker, Robert	11817	3	Jan. 20
Waldoff, William	6783	16	Dec. 11
First assistant engineers (ocean).			
Caro, George R	6748	8	June 9
Tillinghast, John H	6761	6	Aug. 21
Vinton, Robert F	6790	7	Dec. 27
First assistant engineers (inland).			
Anderson, Gustave	6786	12	Dec. 20
Bloodsworth, T. F	6703	3	Jan. 6
Bowen, Stanley C	6728	1	Mar. 18
Barkman, William H	6736	9	Apr. 5
Browning, John W	6756	8	July 29
Barlow, Samuel A	6781	12	Nov. 26
Brushard, Gustave A	6787	3	Dec. 20
Crosby, William P	6702	4	Jan. 4
Coulson, Thomas A	6710	3	Jan. 16
Cayce, Stewart	6739	2	Apr. 25
Coulson, William A	6746	10	June 1
Davison, Robert	6730	8	Mar. 23
Drummond, Thomas F	6764	10	Sept. 1
Friar, James I	6707	8	Jan. 4
Farrill, Joseph S	6742	8	May 11
Griffith, John H. H	6741	8	May 1
Hewett, Sidney	6735	5	Apr. 5
Knight, John W	6712	7	Jan. 20
Kopf, John J	6722	11	Mar. 1
Killebrew, Emmett	6751	1	June 22
Morse, Charles W	6726	3	Mar. 13
Murrell, George S	6772	1	Oct. 13
Owen, William J	6708	12	Jan. 15
Sibley, Origin	6701	19	Jan. 4
Strickland, Charles A	6721	15	Feb. 15
First assistant engineers (inland)—Continued.			
Sullivan, Charles L	6729	5	Mar. 23
Shaw, George C	6732	5	Apr. 3
Stewart, John J	6745	7	May 26
Storm, Thomas O	6757	2	July 31
Tarwater, Louis	6740	18	Apr. 27
Winn, Joseph	6738	14	Apr. 17
Wheatley, A. G	6759	4	Aug. 2
Weaver, Calvin R	6774	8	Oct. 16
Wilson, William H	6775	10	Oct. 18
Yagle, Thomas W	6770	13	Oct. 11
Second assistant engineers (ocean).			
Bright, James A	6755	3	July 28
Cassidy, Patrick	6719	16	Feb. 2
Carlson, Gustave	6767	1	Sept. 16
Kauffman, W. C	6768	11	Sept. 27
Moran, John L	6705	2	Jan. 11
Moore, Joseph T	6706	2	Do.
Miller, George T	6718	7	Feb. 2
Ross, Amos	6734	2	Apr. 5
Sweeney, Edward	6760	6	Aug. 5
Taylor, Samuel, jr	6713	3	Jan. 22
Walsh, Richard	6778	2	Oct. 29
Second assistant engineers (inland).			
Brushagh, H	6733	14	Apr. 3
Barron, William G	6789	11	Dec. 23
Castinera, E. L	6752	2	July 1
Davis, John, jr	6711	11	Jan. 16
Foretich, Joseph S	6754	1	July 20
Kimball, Arthur	6771	15	Oct. 13
Murray, Peter H	6717	10	Feb. 1
McKee, James J	6731	16	Mar. 29
Robinson, George H	6727	16	Mar. 17
Schultz, John	6743	4	May 13
Third assistant engineers (inland).			
Creary, Harry L	6723	9	Mar. 3
Clifford, George T	6744	7	May 13
Hough, George W	6763	7	Sept. 1
Moyer, Donald	6747	12	June 5
McVoy, Charles L	6762	7	Aug. 26
Robertson, George	6725	7	Mar. 12
Special engineers.			
Holley, Charles	6769	4	Oct. 8
Jones, Marion	4101	2	May 3
McCaleb, Charles P	4102	4	Aug. 13
Meyers, Lorenzo D	4103	1	Oct. 14

LOCAL DISTRICT OF GALVESTON, TEX.

Masters licensed during the year ended December 31, 1897—Galveston, Tex.

Name.	No. of license.	No. of issue.	Date of issue.
Arendt, John	11217	3	Feb. 8
Charnley, Robert	13503	4	Dec. 27
Woodward, George P	11299	1	Dec. 11

Masters and pilots licensed during the year ended December 31, 1897—Galveston, Tex.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Special engineers—Continued.				*Special engineers*—Continued.			
Aycock, Richard	11231	11	Mar. 26	Larson, Saloman	11267	9	July 28
Allien, Leon F	11290	19	Nov. 18	Luth, Lawson	11277	18	Oct. 4
Bettis, Irvin H	11213	14	Feb. 2	McDonald, James	11203	14	Jan. 6
Barbre, Raphael	11214	15	Feb. 5	Munn, James W	11215	3	Feb. 5
Best, Louis	11229	29	Mar. 20	McFarland, Andrew	11220	6	Feb. 18
Bel, John A	11234	12	Apr. 2	Moore, Thomas	11223	16	Mar. 1
Boddaker, Joseph	11238	24	Apr. 12	McGarvey, James H	11230	12	Mar. 21
Babcock, Henry L	11254	11	June 14	McCoppin, Alexander	11236	19	Apr. 10
Brandt, Rudolph P	11268	8	Aug. 11	Marshall, Ellsworth S	11239	1	Apr. 13
Bun, Pearl L	11272	7	Sept. 7	Moss, Benjamin F	11243	17	May 3
Boddaker, Frank	11284	8	Nov. 4	Mahon, Martin S	11248	6	May 17
Boyle, James	11286	4	Nov. 8	McCluskey, William	11258	26	June 16
Burch, Sherwood I	11291	7	Nov. 19	McCluskey, Charles M	11261	22	July 3
Best, Charles	11295	26	Dec. 7	Minot, James A	11262	15	July 12
Crawford, Harry W	11204	14	Jan. 7	Moore, Green B	11266	17	July 27
Carey, Richard	11224	6	Mar. 3	Muir, William T	11294	20	Nov. 30
Cole, Stephen G	11237	3	Apr. 10	Olsen, Otto	11235	1	Apr. 6
Coveney, Albert	11244	6	May 3	Plummer, Ferdnand	11208	1	Jan. 14
Crowell, John L	11246	7	May 7	Pennington, Bryant	11245	15	May 3
Coggins, Erastus	11256	3	Jan. 15	Plummer, Otis S	11249	16	May 18
Cantwell, John	11264	6	July 17	Petterson, Gustaf	11253	10	June 11
Carroll, Rucker T	11271	10	Aug. 27	Passmore, Thomas H	11278	10	Oct. 8
Chester, August C	11274	9	Sept. 9	Plummer, William H	11297	13	Dec. 9
Casey, James	11289	2	Mar. 16	Prendergast, George	11300	1	Dec. 11
Drouet, Sebastian	11202	24	Jan. 6	Rabb, William P	11207	6	Jan. 14
Davison, George	11216	13	Feb. 6	Risk, Samuel	11222	20	Mar. 1
Delahanty, Michael	11265	5	July 17	Rodgers, Joseph W	13502	12	Dec. 22
Dobbertin, Albert F	11287	12	Nov. 8	Swenson, John A	11205	13	Jan. 12
Davis, Thomas J	11288	17	Nov. 16	Smith, Alfred D	11206	16	Jan. 13
Davis, Charles L	11296	2	Dec. 7	Stewart, Petter	11219	12	Feb. 18
Drohn, Henry W	13501	7	Dec. 18	Smith, Travis L	11225	6	Mar. 3
Enell, Gustav	11242	13	Apr. 20	Skinner, Asa T	11228	20	Mar. 11
Evans, William	11273	15	Sept. 8	Smith, Phillip S	11241	15	Apr. 20
Elwell, Charles H	11275	13	Sept. 13	Sweet, Daniel E	11255	7	June 15
Eggert, Christian W	11293	24	Nov. 28	Simmons, Joseph W	11270	9	Aug. 21
Fleming, Richard	11247	1	May 10	Scrimgeour, William	11283	22	Nov. 3
Folk, Louis T	11285	19	Nov. 5	Thorsell, August	11209	4	Jan. 9
Gothiel, Louis	11240	6	Apr. 19	Thornham, Jessie S	11296	6	Dec. 11
Haymann, William	11212	10	Jan. 28	Wilson, George	11201	19	Jan. 6
Hawkins, John S	11221	17	Feb. 19	Waitt, Adolph H	11210	17	Jan. 25
Hix, George B	11269	7	Aug. 12	Wilson, Frank	11218	19	Feb. 17
Hill, James	11276	22	Oct. 4	Walford, Samuel P	11226	13	Mar. 9
Jones, Henry G	11232	4	Mar. 28	Wood, Dennis E	11233	2	Apr. 2
Johnson, Frederick	11250	3	May 21	Wachsen, Henry	11251	17	May 22
Jobst, Herman B	11279	14	Oct. 13	Wertch, Peter C	11252	17	June 9
Kelley, George M	11227	6	Mar. 9	Wolfford, George	11257	12	June 16
King, Thomas B	11259	10	June 23	Woolford, Joseph B	11280	16	Oct. 16
Kenedy, Elisha J	11263	14	July 12	Wehrt, Adolph W	11281	6	Oct. 26
Loving, William O	11211	17	Jan. 25	Walker, Charles F	11282	17	Nov. 3
Lynch, Edward	11260	14	July 1	Weikerth, Joseph	11292	13	Nov. 24

Mates licensed during the year ended December 31, 1897—Galveston, Tex.

Larsen, Alfred D	1455	11	Dec. 13	Mitchell, Alexander	1451	1	Jan. 9

Mates and pilots licensed during the year ended December 31, 1897—Galveston, Tex.

De Boer, Richard	1453	3	Sept. 7	Simmons, Albert	1454	3	Dec. 2
Magee, Caleb R	1452	2	Mar. 22				

Pilots licensed during the year ended December 31, 1897—Galveston, Tex.

First-class pilots.				*First-class pilots*—Continued.			
Anderson, Ole	5214	5	May 17	Dyer, Frank	5206	3	Mar. 9
Brown, Orrin F	5202	8	Jan. 14	Dick, Eugene L	5227	12	Aug. 30
Brakefield, William	5213	15	May 5	Ellisor, William E	5204	6	Feb. 8
Bettis, Louis L	5216	12	May 27	Fletcher, Emmett K	5217	4	June 3
Brock, Fred A	5235	2	Nov. 4	Flye, Murat K	5230	12	Sept. 30
Cleveland, PhillipA	5215	2	Nov. 27	Garvin, James A	5218	1	July 1

Pilots licensed—Galveston, Tex.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First-class pilots—Continued.			
Johnson, John	5233	9	Oct. 26
Letts, William C	5203	2	Jan. 25
Lynch, John B	5207	13	Mar. 24
Lawson, William	5209	1	Apr. 14
Larsen, Louis D	5220	3	July 3
Laughton, John W	5225	2	Aug. 7
Laroche, Constant	5228	16	Sept. 7
Lock, Louis	5234	1	Nov. 4
Michon, Louis	5201	3	Jan. 8
Mercer, Robert L	5208	2	Apr. 3
Mercer, Edward T	5226	13	Aug. 9
Meyer, George D	5229	8	Sept. 15
Masterson, Leigh C	5231	3	Sept. 22
Nelson, William E	5219	13	July 3
Plummer, Fred. B	5232	4	Sept. 24
Rodriguez, Esiquis	5223	6	July 12
Stienhort, Adolph	5205	12	Feb. 9
Sweet, Henry L	5211	3	May 3
Spaulding, Alexander R	5221	4	July 3
Sheffers, Aaron	5222	3	July 7
Wood, Charles F	5210	4	Apr. 19
Williams, William	5224	1	Aug. 7
Wolfean, Frederick	5236	8	Nov. 23
Zampini, Louis	5212	10	May 3
Second-class pilots.			
Artusey, Louis C	5208	11	Mar. 23
Agen, Edward	5229	5	July 17
Allen, John D	5245	6	Sept. 7
Allen, Fred. J	5253	5	Nov. 1
Block, Wesley	5212	8	Apr. 17
Blattner, Charles K	5235	12	July 29
Blackburn, Frank	5237	3	Aug. 11
Burch, Charles H	5251	7	Oct. 26
Caldwell, George W	5210	4	Mar. 28
Cordsen, Fred	5214	3	May 7
Carr, Albert J	5228	6	July 7
Ditchman, Frank	5220	5	June 11
Elliser, Calvin C	5244	4	Sept. 3
Haden, William D	5236	9	Aug. 4
Haden, James E	5248	3	Sept. 15
Lock, George	5205	4	Feb. 10
Mitchell, Thomas R	5222	7	June 21
Manielle, Laurent	5254	2	Nov. 1
McCain, Thomas C	5260	4	Nov. 29
Phillips, Wiley W	5231	10	July 17
Second-class pilots—Continued.			
Payne, George W	5258	4	Nov. 20
Price, Earnest E	5263	3	Dec. 7
Richardson, Edward	5219	5	May 26
Roberts, Charles T	5262	6	Dec. 4
Thompson, Andrew	5238	4	Aug. 17
Turk, Joseph	5250	8	Oct. 21
White, John G	5218	1	May 21
Wehner, William	5242	10	Aug. 26
Wilson, Frank H	5246	3	Sept. 7
Special pilots.			
Allen, Orcenith F	5247	10	Sept. 7
Bright, James H	5215	1	May 8
Bryant, George W	5209	1	Mar. 24
Breen, Martin	5227	5	July 2
Barton, Oscar R	5261	6	Nov. 30
Clayton, Evan C	5206	2	Mar. 1
Collier, Hugh R	5207	2	Mar. 4
Converse, James	5221	4	June 21
Carratini, Francois	5239	3	Aug. 17
Cutting, Clarence	5247	3	Sept. 15
Drohn, Mathew	5217	8	May 21
De Vere, Joseph	5241	1	Aug. 21
Day, John	5252	7	Oct. 26
Gove, Thomas	5204	5	Jan. 15
Griffin, George E	5223	4	June 21
Hall, Edward I	5203	2	Jan. 27
Hutchings, Sealy	5256	3	Nov. 18
Ilfrey, William O	5233	4	July 24
Ingvall, William H	5240	1	Aug. 17
Kaough, Thomas	5230	10	July 17
Lee, Bryant	5211	8	Apr. 1
Lanagan, Richard	5244	3	July 28
McKinley, Charles A	5201	6	Jan. 15
Moody, William L	5255	3	Nov. 18
Moody, Frank B	5257	3	Nov. 19
McCorckle, James A	5259	5	Nov. 26
Petz, John	5216	2	May 17
Pillot, Camile C	5226	9	July 2
Roberts, George W	5225	2	July 1
Rugers, Charles C	5243	6	Aug. 30
Scarborough, Richard	5213	1	May 17
Schneider, Earnest	5232	4	July 19
Thomas, William E	5202	5	Jan. 25
Weygant, Woolsey	5224	2	July 1

Joint pilots and engineers licensed during the year ended December 31, 1897—Galveston, Tex.

Blasingame, James P	1956	1	May 20
Braun, Charles H	1957	7	Sept. 17
Fletcher, Marion K	1958	5	Oct. 28
Meyer, Adolph	1951	3	Mar. 22
McKinley, Charles	1959	4	Nov. 4
Ryan, Daniel E	1952	3	Mar. 22
Shumann, Flores A	1954	1	May 15
Schatchelowitz, Hylm'r	1956	1	Do.
Webber, Alexander J	1953	3	Apr. 19
Wakefield, Bert Q	1960	2	Dec. 4

Engineers licensed during the year ended December 31, 1897—Galveston, Tex.

Chief engineers (ocean).			
Aycock, Richard T	11768	16	Oct. 28
Bettis, Lewis L	11726	17	May 27
Bateman, James	11729	12	June 2
Ballew, Thomas	11761	10	Sept. 20
Cotter, John A	11733	11	June 14
Connelly, Cannard	11745	15	Aug. 2
Curry, John	11747	19	Aug. 11
Coyne, John J	11751	7	Aug. 25
Cooper, Albert S	11758	13	Sept. 9
Chief engineers (ocean)—Continued.			
Campbell, James R	11764	7	Oct. 12
Chase, Frank J	11765	13	Oct. 18
Collins, James L	11770	17	Nov. 9
Doty, Edward W	11719	18	Apr. 6
Dorreck, Emil	11724	5	May 18
Graves, Edward	11725	7	May 27
Harper, George	11728	15	May 29
Henry, Nelson	11759	20	Sept. 13
Johnson, Clifford E	11714	4	Feb. 27

Engineers licensed—Galveston, Tex.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Chief engineers (ocean)—Continued.			
McArdle, Thomas	11775	14	Nov. 20
Prendergast, George M	11739	21	July 8
Powell, Henry N	11753	9	Aug. 27
Prendergast, William	11774	13	Nov. 26
Ross, George	11732	11	June 14
Stephenson, Robert	11704	10	Jan. 21
Smith, Everett	11762	5	Oct. 5
Shelton, Alfred	11769	9	Nov. 9
Wood, Charles F	11706	6	Feb. 2
Wallenstien, John P	11760	8	Sept. 18
Chief engineers (inland).			
Allen, John B	11707	16	Feb. 3
Allen, Vaughn	11733	6	July 30
Brown, Orrin F	11701	21	Jan. 14
Bettis, Irvin H	11708	27	Feb. 3
Brown, William	11711	13	Feb. 15
Broughton, Henry	11727	30	May 27
Berry, James J	11749	14	Aug. 18
Bettis, Walter D	11750	9	Aug. 23
Burch, Charles H	11755	15	Sept. 3
Bunn, Pearl L	11756	7	Sept. 7
Collins, James P	11738	8	July 7
Chadwell, George W	11759	3	Sept. 8
Davison, George	11709	6	Feb. 6
Davidson, Samuel L	11712	16	Feb. 19
Dodge, John S	11718	14	Mar. 12
Dickey, Robert	11723	15	May 10
Davis, William A	11748	12	Aug. 14
Davis, Thomas J	11772	14	Nov. 9
Davis, Charles L	11777	17	Dec. 7
Egley, Victor	11742	19	July 27
Force, Henry B	11713	10	Feb. 23
Fleming, Richard	11721	6	May 10
Fayle, William H	11730	12	June 3
Fletcher, Emmett A	11731	4	Do.
Fletcher, Marion K	11767	3	Oct. 28
Gaffield, William	11720	8	May 3
Hyatt, Herbert H	11710	7	Feb. 9
Hill, George G	11740	4	July 17
Holly, William	11773	6	Nov. 24
Johnson, Henry S	11702	22	Jan. 18
King, Neal J	11746	10	Aug. 10
Lynch, William J	11705	5	Jan. 30
Lamont, Thomas	11734	9	June 16
Ludwig, Albert	11735	6	June 26
McArdle, Thomas	11775	13	Nov. 26
Mallia, Henry E	11715	9	Mar. 1
Malla, Simon P	11754	2	Sept. 1
Maguire, Andrew	11771	12	Nov. 15
McLane, Alexander	11776	1	Nov. 29
Norris, William F	11722	20	May 10
Pope, George W	11736	9	July 2
Parker, George L	11763	10	Oct. 11
Rosenbaum, Robert L	11752	12	Aug. 26
Rabb, Arthur P	11766	2	Oct. 26
Smith, Felix	11716	13	Mar. 6
Schroeder, George H	11717	16	Mar. 10
Sheffers, Aaron	11737	15	July 7
Waitt, Adolph H	11703	11	Jan. 25
Wreford, Charles R	11741	21	July 24
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Breen, Miles F	6621	1	Mar. 25
Baker, Charles L	6631	1	May 10
Breen, Martin	6649	6	July 1
Bullock, Henry D	6685	3	Nov. 2
Canfield, Allen L	6619	4	Mar. 8
Cline, William G	6663	1	July 14
Chillette, Louis D	6683	7	Sept. 26
Engineers in charge of steamers of 100 tons and under, and over 10 tons—Continued.			
Dayton, Frank	6620	2	Mar. 20
Deon, George F	6651	7	July 5
Davis, Thomas E	6671	2	Sept. 6
Dick, Eugene L	6672	10	Sept. 7
Griffin, George	6604	5	Jan. 22
Garvin, James H	6613	5	Feb. 27
Gregory, Peter	6612	12	Feb. 23
Griffin, William D	6617	i	Mar. 5
Griffin, Robert A	6636	7	June 1
Grattan, John	6644	4	June 25
Hughes, William E	6627	7	May 4
Junk, Henry S	6603	14	June 22
Jordan, Joshua J	6682	8	Sept. 26
Marion, John	6602	1	Jan. 11
McKenzie, Kenneth J	6608	1	Feb. 9
Moore, John D	6609	2	Do.
Michon, Louis H	6624	9	Apr. 20
Moss, Benjamin F	6625	11	May 3
Mitchell, Thomas R	6641	7	June 21
Nelson, William E	6622	15	Apr. 7
O'Donnell, John J	6601	14	Jan. 7
Osborne, Joseph L	6642	1	June 23
Oliphant, George W	6686	2	Nov. 2
Pillot, Camile C	6648	6	July 1
Perry, Essex	6664	20	July 16
Sweet, Daniel E	6606	7	Feb. 8
Shaw, Robert	6640	9	June 21
Skinner, Daniel E	6667	7	Aug. 20
Sweet, Henry L	6673	6	Sept. 21
Thomas, William E	6605	5	Jan. 25
Thomlinson, Arthur	6645	11	July 1
Wilson, Frank	6611	14	Feb. 17
First assistant engineers (ocean).			
Anderson, Charles	6690	2	Nov. 20
Crabtree, Edward E	6618	2	Mar. 5
Duffy, John	6669	10	Aug. 28
Gillan, John R	6694	12	Dec. 1
Lyons, John	6643	15	June 24
Masculine, Joseph A	6663	3	Aug. 9
Quin, John B	6691	1	Nov. 24
First assistant engineers (inland).			
Asauga, Jaun	6666	20	Aug. 20
Brakefield, William A	6628	16	May 3
Brown, John L	6656	14	June 19
Blattner, Charles K	6660	12	Aug. 3
Cutting, Charles	6646	6	July 1
Carmine, Charles F	6662	16	Aug. 4
Ditchman, Frank	6639	7	June 11
Duddy, Joseph	6661	15	Aug. 3
Goodrich, George	6633	5	May 27
Guess, Charles L	6634	16	Do.
Hawkins, Albert S	6687	10	Nov. 13
Jordan, George D	6626	6	May 3
Johnson, John	6681	6	Oct. 16
Murray, John	6638	16	May 3
Nelson, Peter	6647	3	July 1
Nelson, George	6696	9	Nov. 13
O'Leary, Walter	6655	15	July 19
Phillips, Wiley W	6616	7	Mar. 6
Roscoe, Raymond H	6678	12	Oct. 19
Street, William D	6615	12	Mar. 5
Smith, Phil. S	6623	9	Apr. 19
Stovall, James T	6632	7	May 27
Swindell, Robert M	6635	8	June 1
Spencer, Frederick	6637	16	June 2
Smith, James E	6650	9	July 3
Therien, Louis N	6629	14	May 3
Vann, George D	6693	3	Dec. 1
Wood, Dennis	6652	11	July 13
Walker, Joseph	6659	5	July 27
Wehrt, Adolph W	6680	11	Oct. 20

Engineers licensed—Galveston, Tex.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second assistant engineers (ocean).			
Cassidy, Patrick	6607	10	Feb. 8
Darroch, William N	6661	2	Aug. 9
Mallia, Simeon P	6668	2	Aug. 22
Second assistant engineers (inland).			
Heideman, Cris	6614	11	Mar. 5
Hemmingway, Eustace	6676	14	Oct. 13
Japhet, Gustav	6677	3	Oct. 14
Kaough, Thomas	6692	14	Dec. 1
Pool, John	6695	10	Dec. 11
Ray, Melvin K	6610	2	Feb. 11
Reynolds, Fred. A	6689	2	Nov. 19
Wehner, William	6630	6	May 10
Wilson, Thomas	6679	6	Oct. 19
Winkler, Albert	6699	6	Dec. 22
Third assistant engineers (ocean).			
Fields, Edward D	6674	4	Sept. 21
Fisher, Samuel	6675	16	Oct. 2
Third assistant engineers (inland).			
Davis, Eugene P	6657	4	July 23
Fessenden, Merril	6665	5	Aug. 13
Hughes, John	6698	3	Dec. 21
Johnson, Joseph B	6697	2	Dec. 20
Ludgate, Richard	6664	3	Aug. 11
Third assistant engineers (inland)—Cont'd.			
McFarland, Alexander	6684	5	Oct. 26
Rankin, Julias J	6668	15	Nov. 13
Wood, Thomas	6670	2	Sept. 3
Special engineers.			
Berry, Charles	4007	1	May 7
Block, Wesley	4008	10	May 19
Bisby, Silas	4010	2	June 21
Bishop, William H	4016	1	Aug. 5
Bright, James H	4023	1	Nov. 16
Barton, Oscar R	4024	6	Dec. 1
Calhoun, Thomas	4018	11	Aug. 24
Firestone, Louis N	4025	3	Dec. 17
Gibbs, Joseph M	4002	10	Feb. 2
Garvin, Jefferson D	4003	1	Feb. 17
Godwin, Thomas G. S	4009	2	May 20
Howland, Jedson C	4017	2	Aug. 6
Kingery, Charles M	4006	4	May 3
McKusker, John	4005	4	Mar. 22
Maignand, Dominick	4012	10	July 7
Parker, John D	4015	1	July 23
Patrick, Samuel	4019	5	Aug. 24
Riellier, William E	4020	2	Oct. 2
Ragan, George W	4027	1	Nov. 3
Smith, John F	4026	4	Dec. 20
Scinclair, George E	4013	2	July 13
Schneider, Earnest	4014	3	July 19
Toups, Louis O	4004	4	Mar. 18
Weygant, Woolsey	4011	2	July 7
Winter, Henry T	4001	4	Jan. 30
Walker, Frank S	4022	2	Nov. 6

LOCAL DISTRICT OF APALACHICOLA, FLA.

Masters licensed during the year ended December 31, 1897—Apalachicola, Fla.

Name.	No. of license.	No. of issue.	Date of issue.
Brainard, Eugene	11152	1	July 17
Bivens, James M	11160	15	Aug. 13
Cook, J. T	11158	1	Aug. 9
Howard, Jett A	11135	9	May 6
Hiers, J. W	11181	6	Oct. 21
Lapham, Walter W	11110	5	Feb. 2
Lind, Augusta A	11139	7	May 20
Long, J. M	11184	9	Dec. 21
Munn, Daniel E	11113	9	Feb. 13
Struppa, William I	11137	12	May 17
Summerkamp, R. F	11185	8	Nov. 7
Whiteside, Thomas J	11133	21	Apr. 29

Masters and pilots licensed during the year ended December 31, 1897—Apalachicola, Fla.

Acosta, Manuel	11182	17	Oct. 25
Bryant, Thomas M	11106	23	Jan. 21
Ballard, Louis M	11108	7	Jan. 25
Beck, Geo. L	11136	3	May 6
Billings, Thomas O	11157	11	Aug. 9
Blake, Thomas	11163	13	Aug. 25
Bahet, William	11162	15	Do.
Cobern, Henry	11112	6	Feb. 13
Cooper, Frank M	1114	12	Do.
Crevasse, J. N	11130	16	Apr. 24
Cassidey, H. C	11143	18	July 21
Canute, James	11150	17	July 13
Crevasse, J. W	11161	8	Aug. 17
Chittwood, L. A	11172	1	Oct. 4
Dillon, G. W	11121	6	Mar. 4
Daws, Lyman S	11122	15	Mar. 6
Eanes, William S	11128	12	Apr. 19
Estes, C. L	11138	12	May 20
Floyd, William	11102	8	Jan. 8
Fry, Heber A	11103	15	Jan. 11
Fitzgerald, John J	11115	12	Feb. 17
Fogarty, John J	11115	12	Feb. 17
Fisher, Herman	11120	8	Mar. 2
Floyd, T. A	11140	7	May 24
Fisher, John	11149	11	July 13
Fine, Fred A	11174	16	Oct. 18
Gordon, Henry F	11104	11	Jan. 12
Grogan, M	11144	9	July 2
Godward, Charles	11179	12	Oct. 20
Hill, R. L	11111	26	Feb. 3
Hansen, Geo	11126	12	Apr. 17
Harford, Frank R	11151	15	July 15
Hodges, L. L	11153	16	July 20
Hyers, Collins	11177	10	Oct. 19
Hall, B. F., jr	11176	18	Do.
Hudson, Benton J	11188	1	Nov. 22
Jones, Charles D	11101	13	Jan. 4
Johnson, Abram S	11155	13	July 28
Johnson, Joseph N	11170	19	Sept. 23
Johnson, Earnest F	11175	8	Oct. 19
Jackson, William P	11183	19	Oct. 25
Lapham, Frank G	11116	7	Feb. 18

Masters and pilots licensed—Apalachicola, Fla.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.	Name.	No. of license.	No. of issue.	Date of issue.
Lapham, George O	11165	1	Sept. 8	Roberts, Joseph W	11178	9	Oct. 19
Large, K. M	11189	9	Dec. 21	Stanton, William H	11107	13	Jan. 25
Magruder, E. L	11117	9	Feb. 18	Sharit, B. R	11131	9	Apr. 24
McKay, Donald S	11118	14	Feb. 27	Sharp, J. P	11164	9	Sept. 3
Marcrum, B. F	11119	16	Mar. 1	Shaw, W. A	11166	9	Sept. 8
McKay, James	11124	24	Apr. 1	Shea, John F	11190	5	Dec. 27
Miller, John	11145	19	July 6	Thompson, Frederick	11142	10	June 21
Marks, Chas. W	11127	10	Apr. 19	Thompson, Joseph	11173	12	Oct. 4
Mason, James A	11148	7	July 13	Wing, A. L	11129	6	Apr. 22
Marcrum, T. A	11180	15	Oct. 21	Whiteside, Thomas B	11132	5	Apr. 28
Merwin, Charles M	11187	13	Nov. 13	Washington, Phillip A	11146	2	July 6
Nelson, Peter	11123	17	Mar. 8	Warner, George C	11154	13	July 24
Rouse, Frederick	11105	8	Jan. 18	Wallace, T. A	11156	12	Aug. 2
Boberts, Thomas W	11125	15	Apr. 10	White, Wellington, M	11159	12	Aug. 12
Rouse, M. H	11134	4	May 1	Walker, H. M	11168	16	Sept. 13
Rumley, D. G	11141	12	June 21	Weatherford, Wm. T	11169	13	Sept. 23
Roan, James H	11147	3	July 13	Weatherford, William	11171	15	Oct. 2
Russell, A	11167	14	Sept. 8	Ward, Edward R	11186	9	Nov. 12

Mates licensed during the year ended December 31, 1897—Apalachicola, Fla.

Belgan, Christian J	1404	1	July 20	Dillon, Charles	1406	5	Sep. 22
Bie, Otto Norman	1405	5	Aug. 25	Miller, James	1402	3	Apr. 5
Collins, Samuel	1403	15	July 2	Wyner, G. W	1401	9	Feb. 5

Pilots licensed during the year ended December 31, 1897—Apalachicola, Fla.

First-class pilots.				*First-class pilots*—Continued.			
Allen, Robert H	5135	9	Oct. 25	Wingate, C. B	5143	2	Nov. 13
Bolt, Alfred E	5120	2	June 10	Yent, Robert F., jr	5113	8	Apr. 13
Baker, William A	5127	10	Aug. 9	Yent, L. L	5138	13	Nov. 5
Bass, Thomas A	5132	6	Sept. 25				
Breezear, Alexander	5139	8	Nov. 6	*Second-class pilots.*			
Clark, Robert W	5115	13	May 6				
Carpenter, Charles E	5126	15	July 24	Aultman, S. B	5143	9	Sept. 27
Cattenetta, Domingo	5136	11	Oct. 25	Allen, James H	5155	6	Nov. 1
Carpenter, E. D	5102	12	Jan. 4	Brantley, B. J	5118	5	Apr. 10
Dobson, Charles A	5130	9	Aug. 13	Bailey, James W	5139	6	Aug 25
Dudley, T. J	5142	3	Nov. 13	Burns, Francis	5141	1	Sept. 22
Ganin, Frank	5106	10	Jan. 25	Buchanan, C. N	5156	1	Nov. 6
Grimes, Sidney, B	5108	7	Feb. 23	Barmore, William G	5161	2	Dec. 21
Grader, Henry	5117	2	Apr. 15	Campbell, Spencer	5107	1	Jan. 18
Gonzalez, Manuel A	5119	12	June 2	Cook, Bert	5113	10	Feb. 20
Griffin, Albert	5144	3	Nov. 15	Caraway, George H	5123	6	May 20
Hill, William	5118	13	May 17	Coe, Benton E	5131	4	July 2
Harding, Thomas	5140	10	Nov. 7	Du Pree, Robert W	5158	6	Nov. 13
Johnson, W. H	5114	5	May 3	Ellis, T. W	5149	1	Oct. 25
Johnson, Menendez	5116	9	May 6	Fulcher, Jessie	5119	7	Apr. 26
Johnson, J. W	5121	9	June 22	Fowler, John M	5133	8	July 6
Johnson, Clay	5125	11	July 19	Floyd, Samuel A	5140	1	Sept. 8
Knickmeyer, W. J	5105	7	Jan. 21	Freeman, Frank L	5146	11	Oct. 19
King, Franklin P	5131	12	Aug. 13	Gillis, Daniel	5122	1	May 17
Lapham, George S	5112	10	Mar. 11	Gilbert, J. R	5124	9	May 22
McQueen, Daniel W	5134	14	Oct. 19	Giles, L. C	5125	1	May 28
Mitchell, John R	5145	3	Nov. 22	Gibson, Paul E	5138	8	Aug. 21
O'Neill, E. A	5104	2	Jan. 21	Hicks, Robert O	5102	5	Jan. 4
Pent, Thomas C	5110	5	Mar. 2	Hall, Warren F	5135	6	July 19
Pent, William T	5124	8	July 19	Hoffman, John F	5137	7	July 24
Phillips, James M	5129	17	Aug. 13	Humphrey, B. F	5154	3	Nov. 1
Quinn, Harry	5109	10	Mar. 1	Henderson, Tillit T	5147	7	Oct. 19
Roan, John W	5122	11	July 13	Holton, William E	5145	7	Do.
Rayborn, Josiah	5141	10	Nov. 13	Hudgins, James W	5160	5	Nov. 15
Stapleton, Robert W	5101	6	Jan. 4	Jacquemain, Edward	5111	11	Jan. 28
Smith, John	5107	7	Jan. 28	Knowles, Richard W	5117	6	Mar. 27
Smith, S. S	5111	4	Mar. 4	Layne, G. A	5106	9	Jan. 11
Sharit, Amos R	5123	16	July 13	Leathlan, C. H	5109	6	Jan. 25
Simmons, George W	5128	3	Aug. 9	Lucus, Geo. T	5115	6	Mar. 13
Struppa, Claude E	5146	3	Nov. 22	Lawson, Samuel	5144	6	Oct. 19
Terry, James C., jr	5103	8	Jan. 12	Le Gallee, A. E	5150	2	Oct. 25
Witherspoon, Chas. W	5133	16	Oct. 7	Menge, J. F	5101	9	Jan. 4
Whiteside, Wilson E	5137	3	Nov. 3	Phares, James B	5127	10	June 10

Pilots licensed, Apalachicola, Fla.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
Second-class pilots—Continued.			
Park, C. L	5129	2	June 22
Pooser, Edward T	5153	6	Nov. 1
Pickett, William C	5152	11	Do.
Prince, E. W	5162	13	Dec. 27
Rackum, Frank O	5105	4	Jan. 9
Roan, Charles F	5108	6	Jan. 25
Russell, William H	5132	2	July 6
Storrs, James C	5103	6	Jan. 4
Smith, John, jr	5119	7	Jan. 28
Stewart, H. W	5114	1	Mar. 11
Snider, Henry F	5128	1	June 10
Weting, George F	5116	2	Mar. 27
Wahlstrom, Herman	5120	3	May 1
Washington, Charles S.	5134	13	July 13
Second-class pilots—Continued.			
Whidden, William H	5157	2	Nov. 7
Yent, Robert F	5104	6	Jan. 4
Special pilots.			
Adams, E. M	5148	1	Oct. 25
Branch, T. J	5142	5	Sept. 25
Dusinberry, Richard	5136	7	July 24
Faircloth, Oliver G	5159	4	Nov. 15
Kells, C. B	5121	1	May 17
Mroczkowski, G. W	5112	11	Feb. 14
Marchant, A. B	5151	7	Oct. 25
Patten, Joseph	5126	5	June 10
Patten, N. S	5130	8	July 2

Engineers licensed during the year ended December 31, 1897—Apalachicola, Fla.

Chief engineers (ocean).			
Cardy, Joseph	11657	27	Sept. 27
Green, W. A	11609	16	Feb. 1
Jerman, Alexander C	11619	18	Mar. 9
Jerman, Henry T	11635	17	May 22
Johnson, Louis	11671	10	Nov. 9
McMahon, John	11613	18	Feb. 20
Magruder, George M	11641	14	July 10
Port, Madison	11617	7	Mar. 8
Wagner, Alfred	11623	21	Mar. 26
Williams, T. H	11674	19	Dec. 8
Chief engineers (inland).			
Aultman, S. B	11656	6	Sept. 27
Adlington, David C	11670	28	Oct. 25
Biglow, S. L	11610	7	July 2
Brainerd, Eugine	11611	7	Feb. 13
Brooks, Walter	11612	6	Feb. 20
Bropley, Alfred T	11649	12	Aug. 9
Carterline, A. B	11604	9	Jan. 8
Conover, David A	11608	1	Jan. 28
Comberworth, Charles	11624	8	Mar. 27
Crews, G. W	11625	9	Mar. 29
Cassady, W. A	11631	16	May 16
Caraway, George H	11634	13	May 20
Clark, Benj. A	11638	17	June 7
Chalmers, George B	11648	11	Aug. 9
Collins, Daniel	11677	8	Dec. 27
Duncan, A. H	11626	11	Apr. 9
Daws, Liman S	11640	13	July 10
Darcy, J. A	11643	16	July 19
Eslinger, Rudolph	11658	7	Sept. 27
Floyd, William	11603	15	Jan. 6
Farley, Walter	11662	7	Oct. 1
Forquier, George	11668	14	Oct. 22
Gilbert, A. S	11601	1	Jan. 3
Gilbert, W. C	11602	1	Do.
Goodlett, Hiram E	11614	26	Feb. 26
Gullett, Armie D	11616	7	Mar. 5
Geer, A. H	11628	24	Apr. 22
Gibson, Paul E	11669	16	Oct. 22
Gillis, Daniel	11676	15	Dec. 24
Holmes, Claud	11636	17	May 27
Hardester, George E	11663	33	Oct. 19
Hiers, J. W	11666	7	Oct. 21
Jerguson, A. P	11605	6	Jan. 11
Johnson, Clay	11606	13	Jan. 18
Johns, W. B	11647	18	Aug. 7
Johnson, A. J	11661	20	Oct. 1
Kimball, Samuel M	11653	14	Sept. 9
Kinze, George	11654	1	Sept. 13
Lewis, John B	11607	10	Jan. 28
Liverman, William S	11637	4	June 4
Chief engineers (inland)—Continued.			
Lang, Julius M	11644	18	July 24
Ledwith, C. N	11673	9	Dec. 5
McCarty, Daniel J	11618	12	Mar. 9
McNeil, John B	11660	30	Oct. 1
McBride, James	11667	13	Oct. 22
Nix, George A	11642	12	July 19
Pickett, Robert S	11620	14	Mar. 15
Pike, H. C	11639	9	June 19
Pilling, D. A	11659	12	Oct. 1
Rew, B. B	11615	6	Mar. 1
Russell, William D	11630	16	May 1
Randall, James W	11651	20	Sept. 2
Rouse, M. H	11655	17	Sept. 21
Spencer, Thomas	11627	17	Apr. 15
Surgeys, John B	11650	15	Aug. 14
Somers, Charles	11652	14	Sept. 9
Storch, F. H	11665	7	Oct. 19
Smith, E. B	11675	9	Dec. 20
Thompson, John D	11622	16	Mar. 26
Whannell, D. C	11621	8	Mar. 15
Whiteside, Thomas J	11629	21	Apr. 29
Walker, Peter	11632	16	May 4
Witham, George W	11633	9	May 18
Weihe, Louis	11645	14	July 26
Wallace, T. A	11646	15	Aug. 2
Warner, George C	11664	18	Oct. 19
Zent, L. L	11672	16	Dec. 5
Engineers in charge of steamers of 100 tons and under, and over 10 tons.			
Alford, A. J	6536	5	Oct. 19
Allen, James H	6544	4	Nov. 8
Blocker, E. L	6521	3	May 15
Crawford, C. N	6549	13	Dec. 27
Dinkins, J. J	6515	11	Mar. 27
Enter, C. L	6518	9	Apr. 16
Gotwallis, John G	6503	10	Jan. 18
Gilbert, S. A	6525	9	June 21
Giles, L. C	6528	1	Aug. 18
Harford, Frank R	6526	12	July 16
Hall, B. F., jr	6535	11	Oct. 19
Johnson, Keros	6527	12	Aug. 14
James, Henry E	6546	10	Dec. 5
Menge, Conrad	6532	7	Sept. 23
Paulson, Emmet	6524	1	June 4
Pickett, William C	6541	9	Oct. 30
Prince, E. W	6548	3	Dec. 27
Rhodes, Jerry E	6542	15	Nov. 4
Smith, D. H	6543	5	Nov. 6
Widerquest, Gustaf	6517	4	Apr. 8

Engineer's licensed—Apalachicola, Fla.—Continued.

Name.	No. of license.	No. of issue.	Date of issue.
First assistant engineer (ocean).			
Murphy, D. V	6530	15	Sept. 20
First assistant engineers (inland).			
Allen, L. L.	6513	2	Mar. 26
Brown, David S	6540	4	Oct. 20
Cobern, William	6510	12	Mar. 2
Carr, W. S	6511	14	Mar. 5
Coleman, A. T	6539	15	Oct. 19
Donnell, John O	6529	4	Aug. 23
Dudley, Charles F	6534	10	Oct. 4
Frey, William G	6504	2	Jan. 21
Floyd, T. A	6523	13	May 24
Gaines, George	6520	3	May 6
Hill, R. L	6505	19	Feb. 4
Johnson, J	6507	12	Feb. 13
Jinkins, Carlisle	6547	4	Dec. 5
Killix, J. R	6538	13	Oct. 19
McCullough, H	6531	14	Sept. 20
Parcketon, John S	6501	2	Jan. 9
Peck, Charles J	6509	6	Mar. 1
Pope, Richard J. O	6516	1	Mar. 29
Pryor, Horace B	6519	10	Apr. 19
Stewart, Louis C	6514	11	Mar. 26
Vincon, J. M			
Second assistant engineers (ocean).			
Cochrane, James	6502	10	Jan. 18
Second assssstant engineers (ocean)—Cont'd.			
Goldsborough, William	6512	12	Mar. 12
Simmons, Bernett	6522	2	May 18
Second assistant engineers (inland).			
Connell, J. L	6508	6	Feb. 25
Cardy, James Wott	6537	12	Oct. 19
Green, William	6545	7	Nov. 15
Morgan, Edward	6533	10	Oct. 1
Special engineers.			
Anthony, Joseph P	3902	3	Mar. 8
Branch, George J	3910	4	Sept. 24
Blakeley, Homer H	3912	1	Oct. 19
Bozeman, T. E	3915	8	Nov. 15
Borland, D. S	3916	2	Dec. 5
Cardy, George G	3901	2	Feb. 13
Chaffin, W. S	3911	1	Oct. 19
Lamareoux, Leroy	3909	1	Sept. 2
Nelson, Peter	3903	10	Mar. 8
Patten, Joseph	3905	7	June 10
Patten, N. S	3907	8	June 24
Piper, Archibald	3914	4	Nov. 4
Rivers, Thomas B	3908	1	July 1
Ramsey, W. T	3913	1	Oct. 21
Turnpaw, G. W	3906	8	June 10
Weller, A. P	3904	5	Mar. 26

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